

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062723\
 Data File : PR062035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2023 09:05
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 15:03:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 19 13:30:08 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.692	2.960	121.1E6	150.2E6	55.075	54.675
2)	SA Decachlor...	9.630	8.247	77405105	171.8E6	53.495	48.454
Target Compounds							
3)	L1 AR-1016-1	4.921	4.085	41275851	54374983	554.348	535.272
4)	L1 AR-1016-2	4.944	4.103	58648745	76457054	554.698	543.409
5)	L1 AR-1016-3	5.008	4.283	36523776	41846414	544.488	534.704
6)	L1 AR-1016-4	5.111	4.334	29452990	33273804	550.374	518.985
7)	L1 AR-1016-5	5.429	4.553	29896515	43184046	539.822	519.559
8)	L2 AR-1221-1	3.910	3.185	4491751	5560059	166.472	155.055
9)	L2 AR-1221-2	4.004	3.272	5769861	8234729	302.035	299.293
10)	L2 AR-1221-3	4.082	3.350	22734717	29166067	375.331	361.708
11)	L3 AR-1232-1	4.082	3.350	22734717	29166067	497.182	483.145
12)	L3 AR-1232-2	4.636	4.103	31186120	76457054	1173.511	1231.772
13)	L3 AR-1232-3	4.944	4.283	58648745	41846414	1272.529	1200.081
14)	L3 AR-1232-4	5.111	4.376	29452990	39598014	1288.536	1261.110
15)	L3 AR-1232-5	5.215	4.553	24656252	43184046	1339.912	1198.820
16)	L4 AR-1242-1	4.921	4.085	41275851	54374983	743.867	714.199
17)	L4 AR-1242-2	4.944	4.103	58648745	76457054	746.023	734.299
18)	L4 AR-1242-3	5.008	4.283	36523776	41846414	729.259	709.958
19)	L4 AR-1242-4	5.111	4.376	29452990	39598014	731.066	667.028
20)	L4 AR-1242-5	5.902	4.925	3979274	35288893	100.962	448.842 #
21)	L5 AR-1248-1	4.921	4.085	41275851	54374983	965.825	888.476
22)	L5 AR-1248-2	5.215	4.334	24656252	33273804	397.585	386.101
23)	L5 AR-1248-3	5.429	4.376	29896515	39598014	415.579	445.021
24)	L5 AR-1248-4	5.862	4.553	4135596	43184046	56.591	400.311 #
25)	L5 AR-1248-5	5.902	4.967	3979274	5436406	55.886	50.821
26)	L6 AR-1254-1	5.834	4.925	22427287	35288893	281.127	221.187
27)	L6 AR-1254-2	6.072	5.084	24015927	34404230	204.186	236.898
28)	L6 AR-1254-3	6.464	5.528f	12866551	63402053	112.234	268.009 #
29)	L6 AR-1254-4	6.774	5.757	7631399	7511374	95.447	49.323 #
30)	L6 AR-1254-5	7.230	6.204	68456252	137.3E6	763.172	560.086 #
31)	L7 AR-1260-1	6.645	5.650	52022698	91137808	523.157	524.986
32)	L7 AR-1260-2	6.928	5.856	58694102	112.8E6	532.562	512.718
33)	L7 AR-1260-3	7.318	6.015	37199490	107.0E6	537.391	511.430
34)	L7 AR-1260-4	7.562	6.524	43363456	80283704	529.483	508.194
35)	L7 AR-1260-5	7.899	6.789	78725793	193.9E6	559.186	522.091
36)	L8 AR-1262-1	7.318	6.248	37199490	82853212	346.568	349.370
37)	L8 AR-1262-2	7.899	6.789	78725793	193.9E6	474.173	442.331
38)	L8 AR-1262-3	8.215	7.096	50246373	37096997	439.740	196.822 #
39)	L8 AR-1262-4	8.294	7.163	12409950	142.4E6	138.997	423.234 #
40)	L8 AR-1262-5	8.925	7.703	18882719	43378425	320.332	270.703
41)	L9 AR-1268-1	8.215	7.096	50246373	37096997	254.101	72.105 #

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 Data File : PR062035.D
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 Acq On : 27 Jun 2023 09:05
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

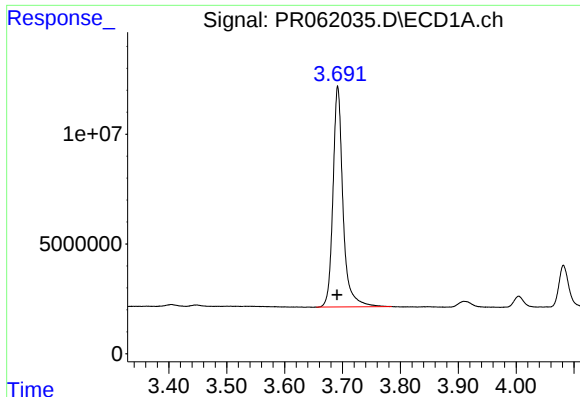
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 15:03:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.294	7.163	12409950	142.4E6	68.112	299.144 #
43) L9	AR-1268-3	8.517	7.388	1980295	3456183	12.658	8.440 #
44) L9	AR-1268-4	8.925	7.703	18882719	43378425	293.432	246.809
45) L9	AR-1268-5	9.314	7.999	6226962	15414629	13.536	11.967

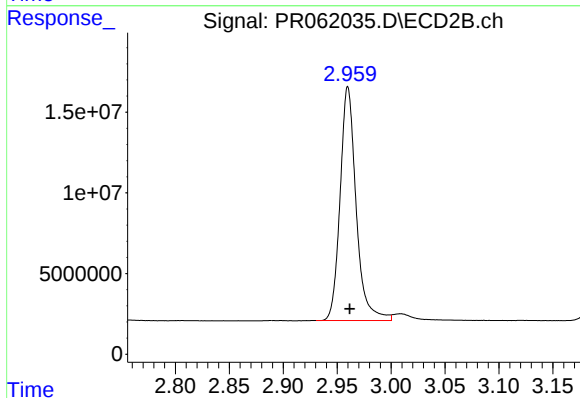
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

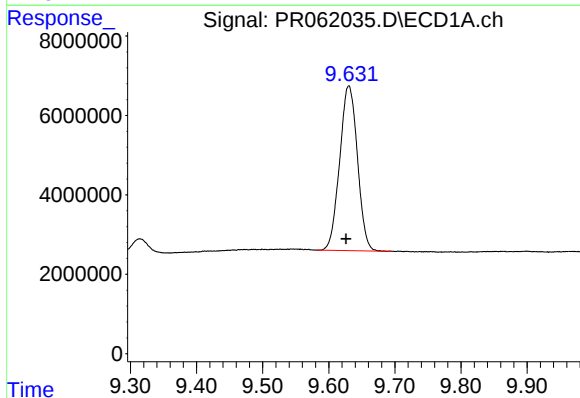
R.T.: 3.692 min
Delta R.T.: 0.000 min
Response: 121105985
Conc: 55.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



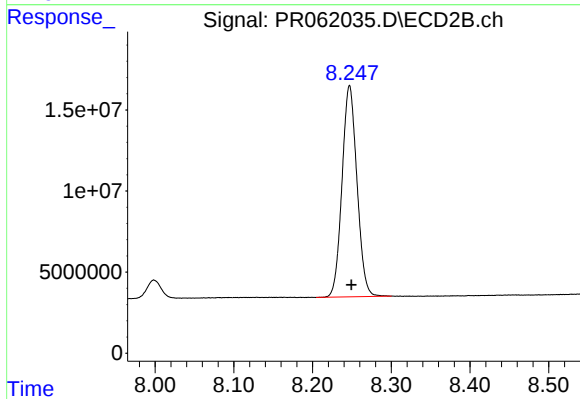
#1 Tetrachloro-m-xylene

R.T.: 2.960 min
Delta R.T.: -0.002 min
Response: 150192036
Conc: 54.67 ng/ml



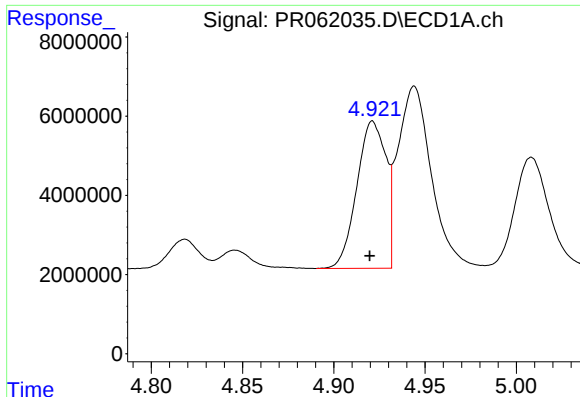
#2 Decachlorobiphenyl

R.T.: 9.630 min
Delta R.T.: 0.004 min
Response: 77405105
Conc: 53.50 ng/ml



#2 Decachlorobiphenyl

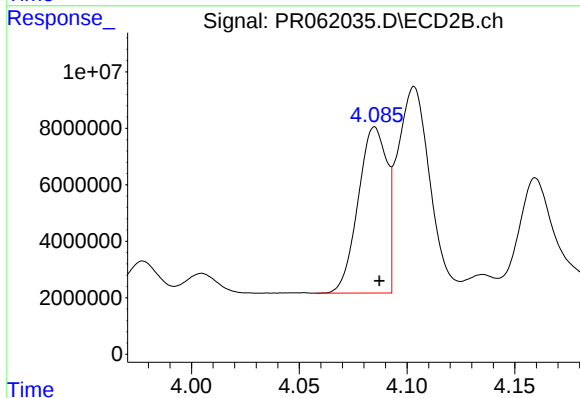
R.T.: 8.247 min
Delta R.T.: -0.003 min
Response: 171835952
Conc: 48.45 ng/ml



#3 AR-1016-1

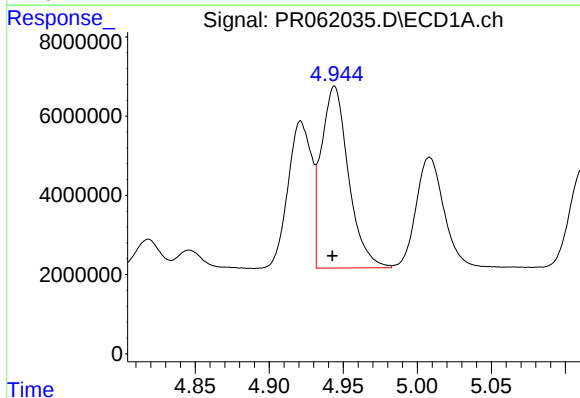
R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 41275851
Conc: 554.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



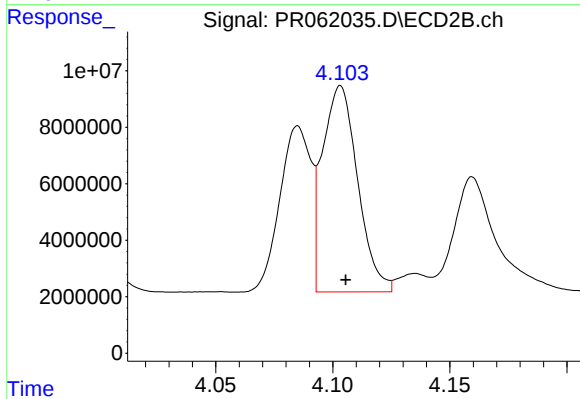
#3 AR-1016-1

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 54374983
Conc: 535.27 ng/ml



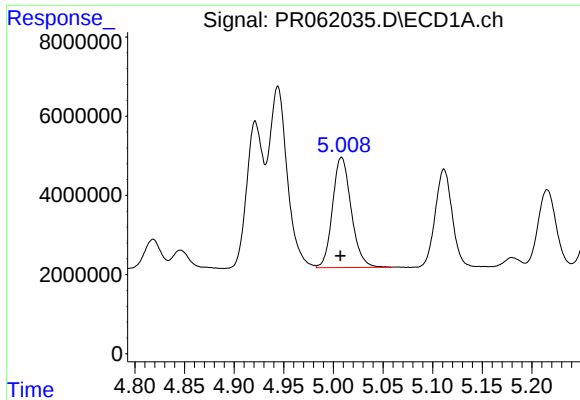
#4 AR-1016-2

R.T.: 4.944 min
Delta R.T.: 0.001 min
Response: 58648745
Conc: 554.70 ng/ml



#4 AR-1016-2

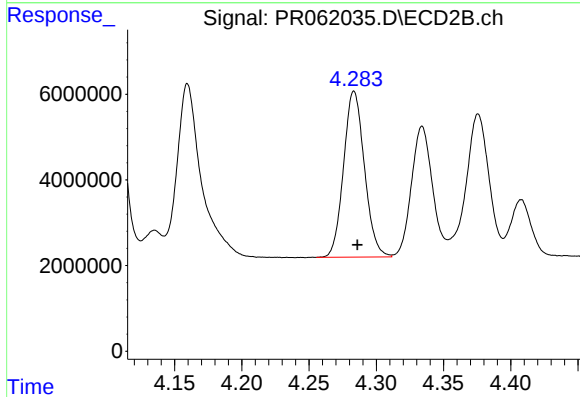
R.T.: 4.103 min
Delta R.T.: -0.002 min
Response: 76457054
Conc: 543.41 ng/ml



#5 AR-1016-3

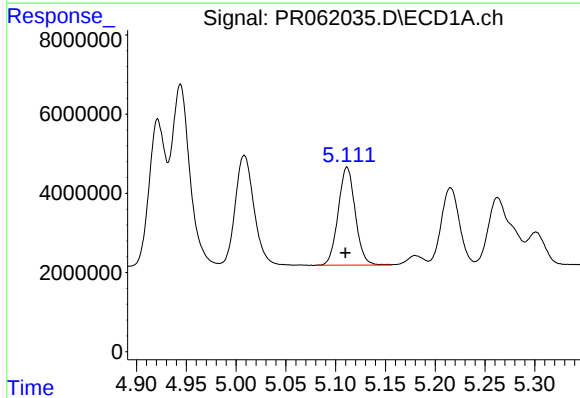
R.T.: 5.008 min
Delta R.T.: 0.001 min
Response: 36523776
Conc: 544.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



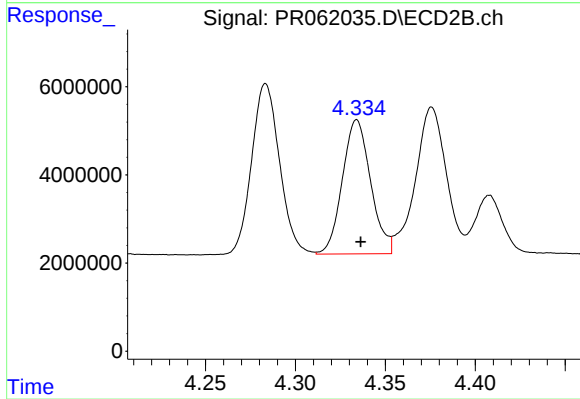
#5 AR-1016-3

R.T.: 4.283 min
Delta R.T.: -0.003 min
Response: 41846414
Conc: 534.70 ng/ml



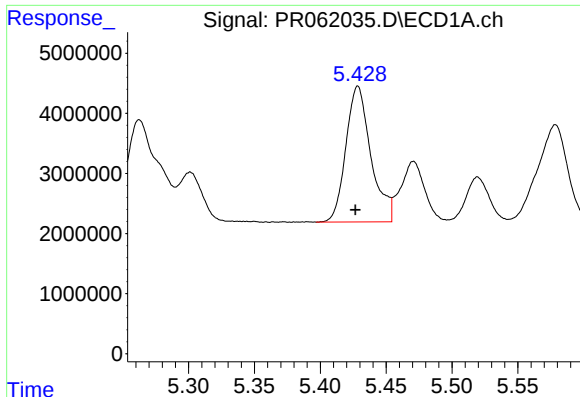
#6 AR-1016-4

R.T.: 5.111 min
Delta R.T.: 0.002 min
Response: 29452990
Conc: 550.37 ng/ml



#6 AR-1016-4

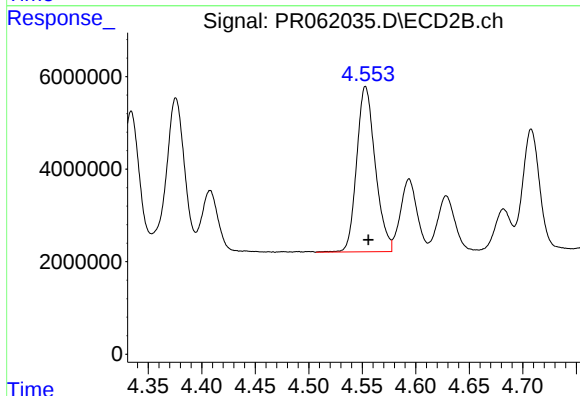
R.T.: 4.334 min
Delta R.T.: -0.002 min
Response: 33273804
Conc: 518.99 ng/ml



#7 AR-1016-5

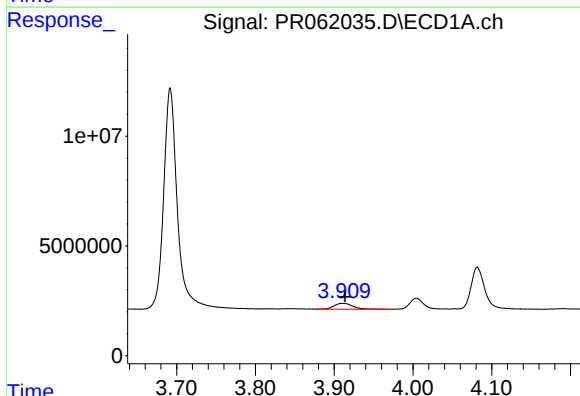
R.T.: 5.429 min
Delta R.T.: 0.002 min
Response: 29896515
Conc: 539.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



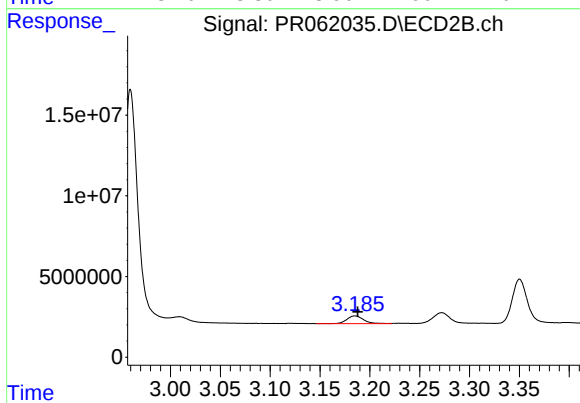
#7 AR-1016-5

R.T.: 4.553 min
Delta R.T.: -0.003 min
Response: 43184046
Conc: 519.56 ng/ml



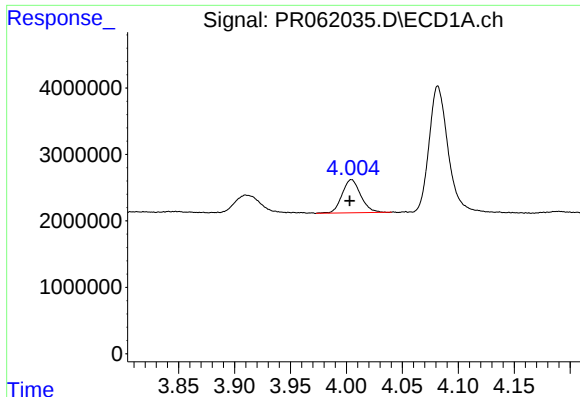
#8 AR-1221-1

R.T.: 3.910 min
Delta R.T.: -0.004 min
Response: 4491751
Conc: 166.47 ng/ml



#8 AR-1221-1

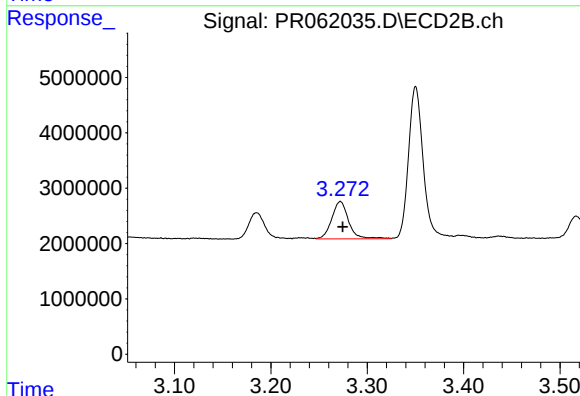
R.T.: 3.185 min
Delta R.T.: -0.003 min
Response: 5560059
Conc: 155.05 ng/ml



#9 AR-1221-2

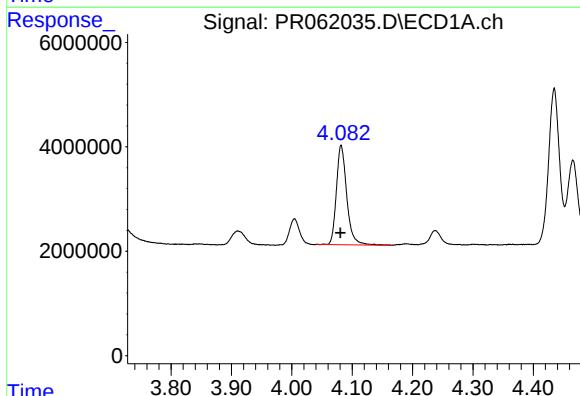
R.T.: 4.004 min
Delta R.T.: 0.002 min
Response: 5769861
Conc: 302.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



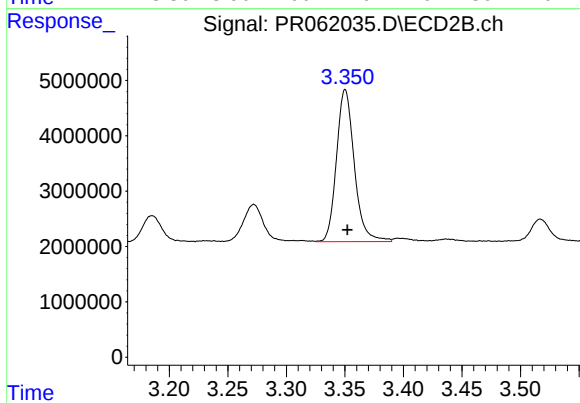
#9 AR-1221-2

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 8234729
Conc: 299.29 ng/ml



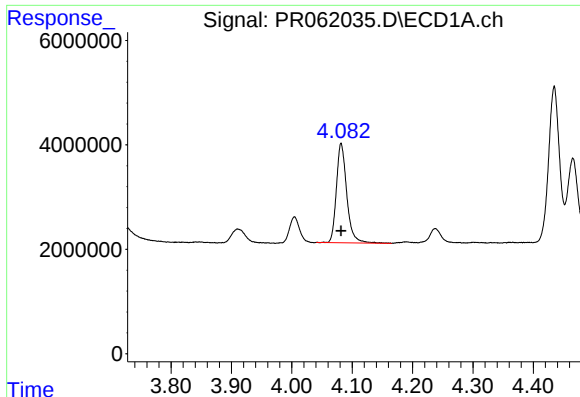
#10 AR-1221-3

R.T.: 4.082 min
Delta R.T.: 0.001 min
Response: 22734717
Conc: 375.33 ng/ml



#10 AR-1221-3

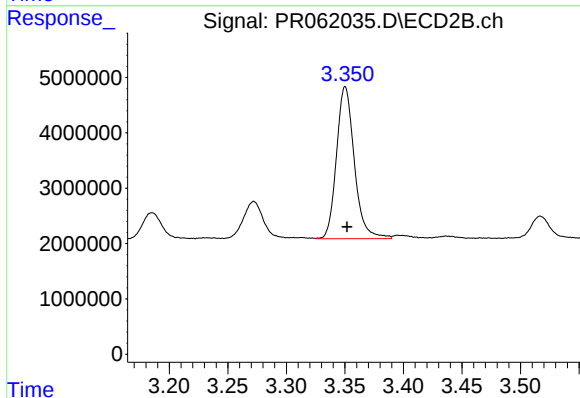
R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 29166067
Conc: 361.71 ng/ml



#11 AR-1232-1

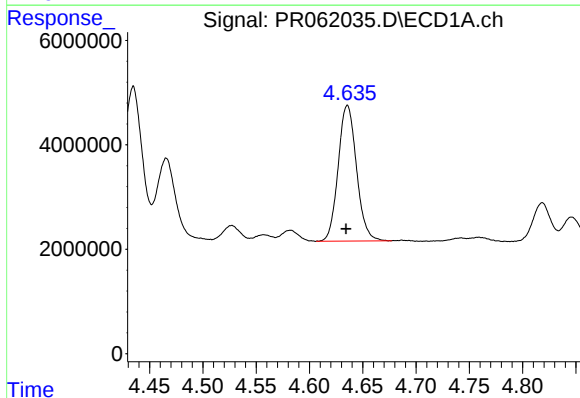
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 22734717
Conc: 497.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



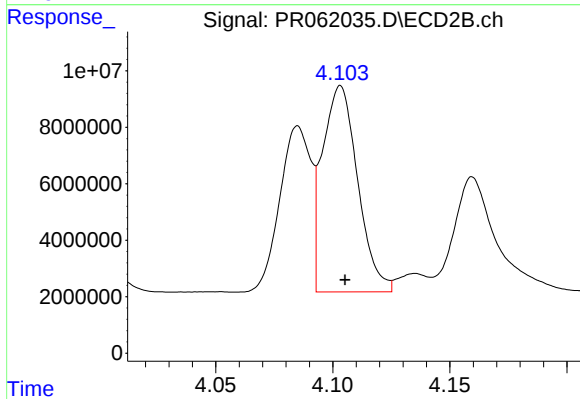
#11 AR-1232-1

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 29166067
Conc: 483.15 ng/ml



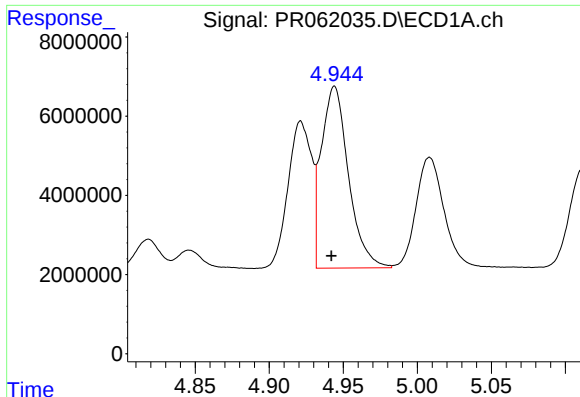
#12 AR-1232-2

R.T.: 4.636 min
Delta R.T.: 0.001 min
Response: 31186120
Conc: 1173.51 ng/ml



#12 AR-1232-2

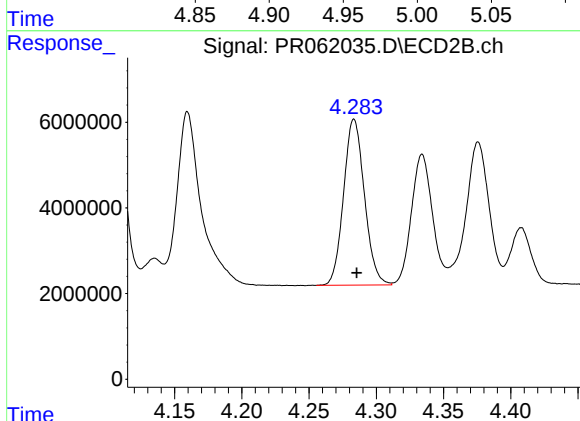
R.T.: 4.103 min
Delta R.T.: -0.002 min
Response: 76457054
Conc: 1231.77 ng/ml



#13 AR-1232-3

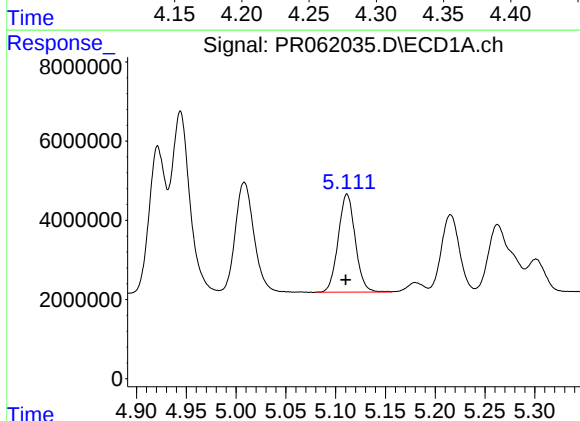
R.T.: 4.944 min
Delta R.T.: 0.002 min
Response: 58648745
Conc: 1272.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



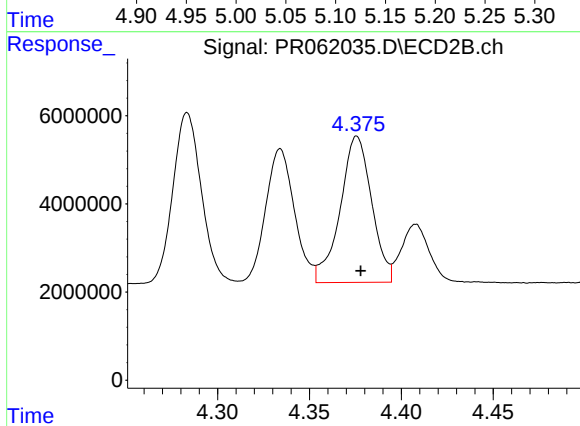
#13 AR-1232-3

R.T.: 4.283 min
Delta R.T.: -0.002 min
Response: 41846414
Conc: 1200.08 ng/ml



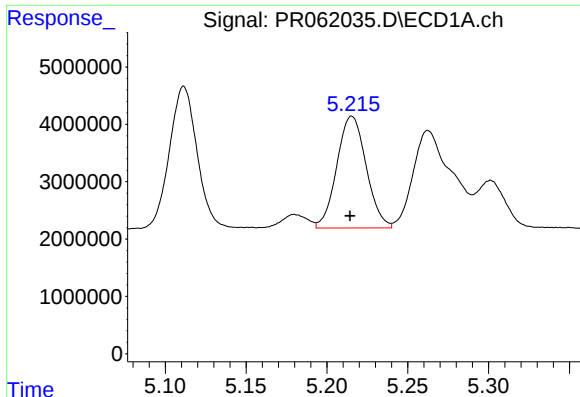
#14 AR-1232-4

R.T.: 5.111 min
Delta R.T.: 0.001 min
Response: 29452990
Conc: 1288.54 ng/ml



#14 AR-1232-4

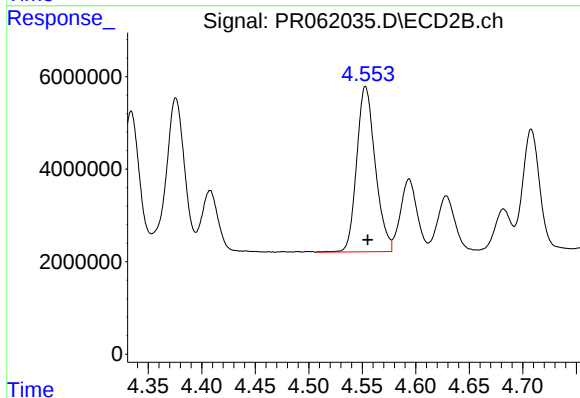
R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 39598014
Conc: 1261.11 ng/ml



#15 AR-1232-5

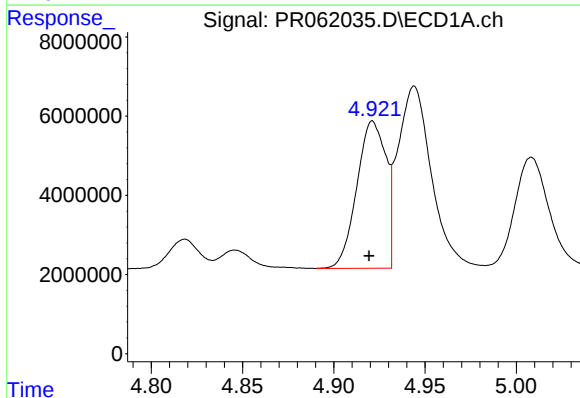
R.T.: 5.215 min
Delta R.T.: 0.001 min
Response: 24656252
Conc: 1339.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



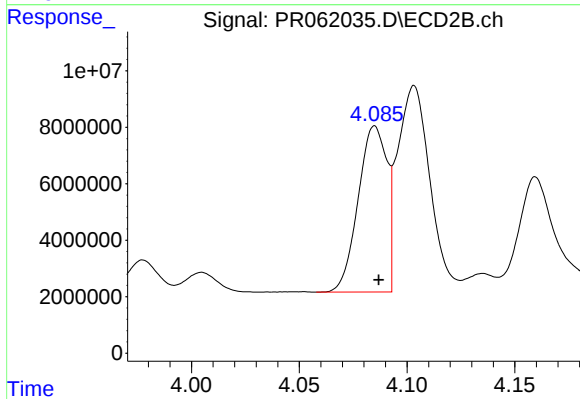
#15 AR-1232-5

R.T.: 4.553 min
Delta R.T.: -0.002 min
Response: 43184046
Conc: 1198.82 ng/ml



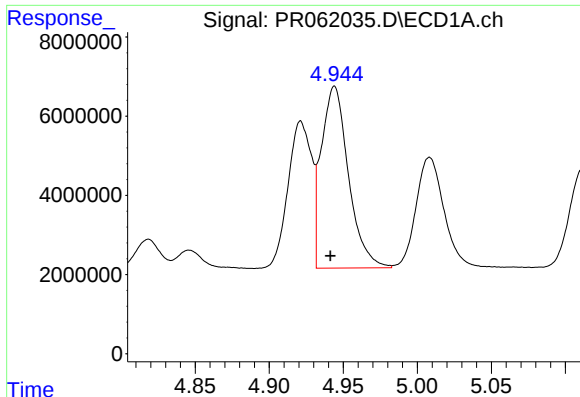
#16 AR-1242-1

R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 41275851
Conc: 743.87 ng/ml



#16 AR-1242-1

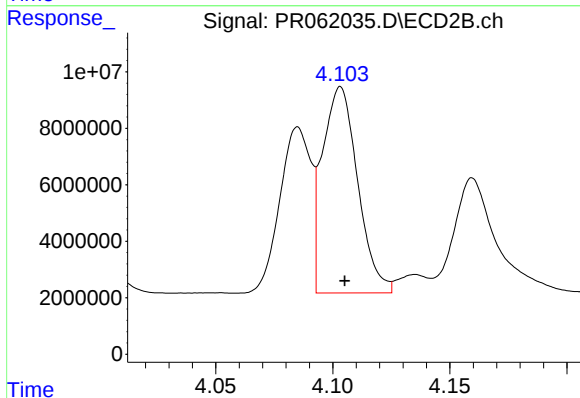
R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 54374983
Conc: 714.20 ng/ml



#17 AR-1242-2

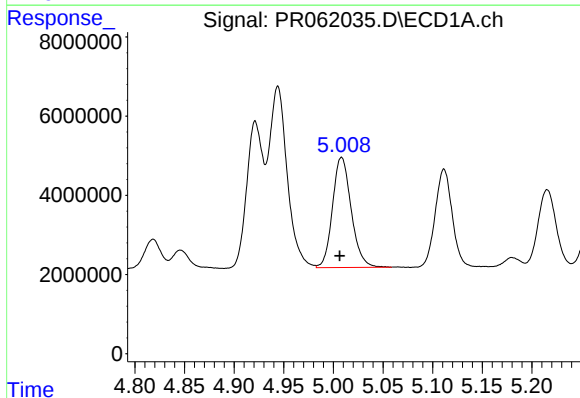
R.T.: 4.944 min
Delta R.T.: 0.003 min
Response: 58648745
Conc: 746.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



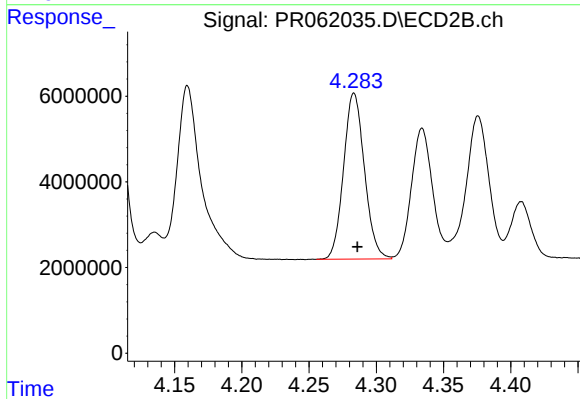
#17 AR-1242-2

R.T.: 4.103 min
Delta R.T.: -0.002 min
Response: 76457054
Conc: 734.30 ng/ml



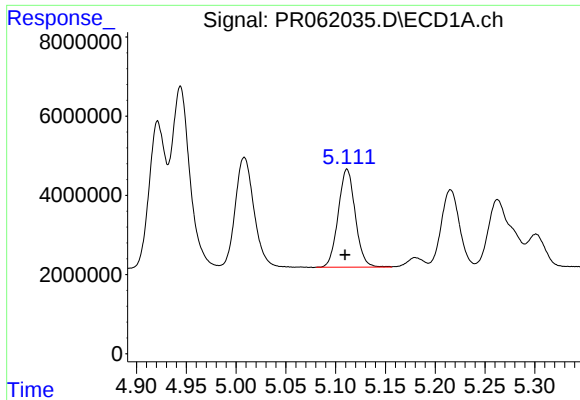
#18 AR-1242-3

R.T.: 5.008 min
Delta R.T.: 0.002 min
Response: 36523776
Conc: 729.26 ng/ml



#18 AR-1242-3

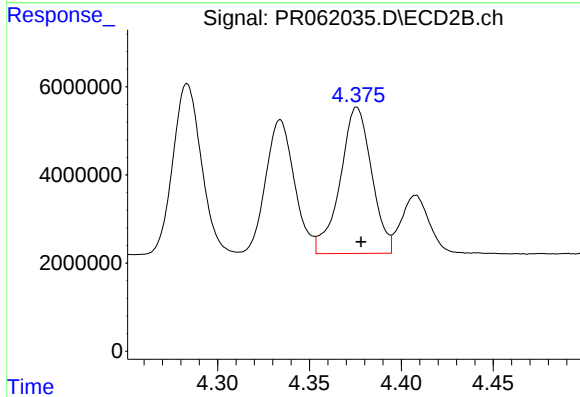
R.T.: 4.283 min
Delta R.T.: -0.002 min
Response: 41846414
Conc: 709.96 ng/ml



#19 AR-1242-4

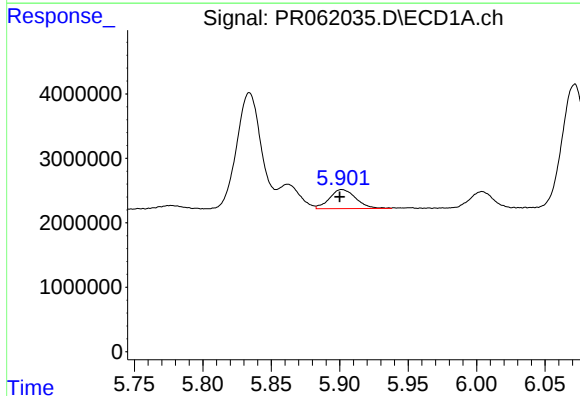
R.T.: 5.111 min
Delta R.T.: 0.002 min
Response: 29452990
Conc: 731.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



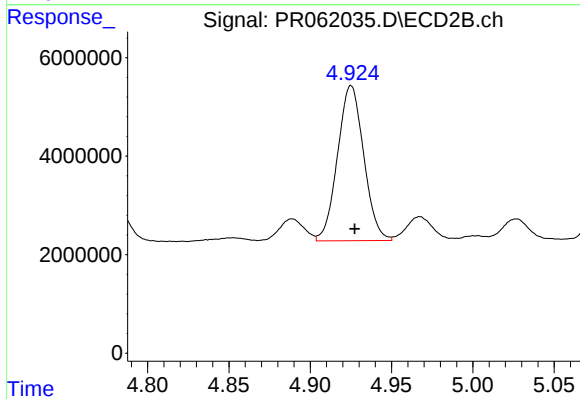
#19 AR-1242-4

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 39598014
Conc: 667.03 ng/ml



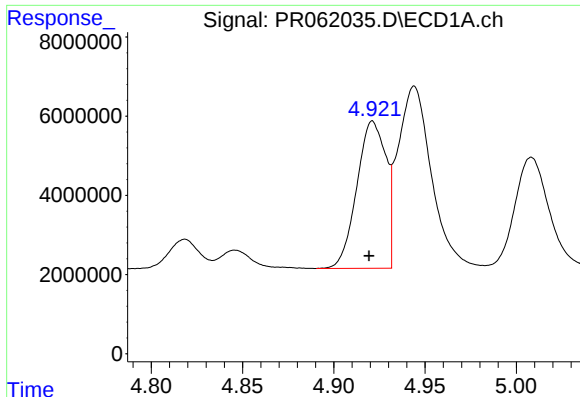
#20 AR-1242-5

R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 3979274
Conc: 100.96 ng/ml



#20 AR-1242-5

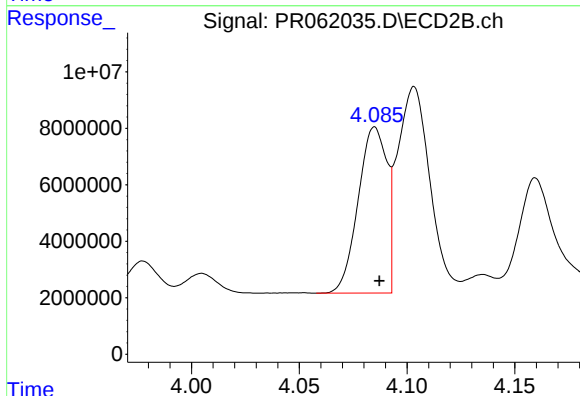
R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 35288893
Conc: 448.84 ng/ml



#21 AR-1248-1

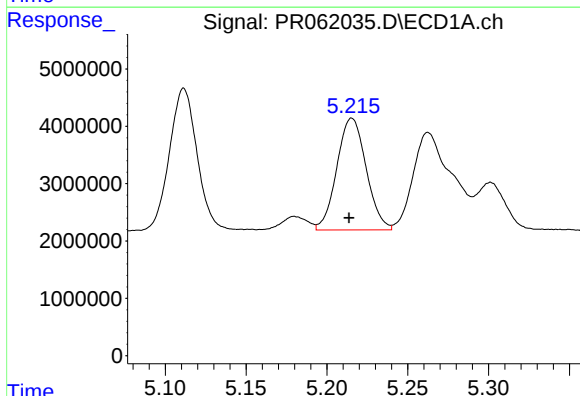
R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 41275851
Conc: 965.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



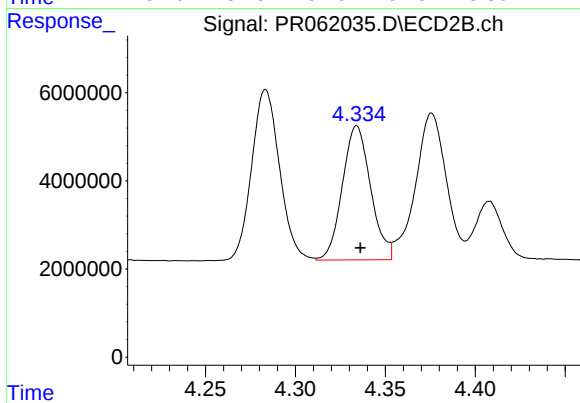
#21 AR-1248-1

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 54374983
Conc: 888.48 ng/ml



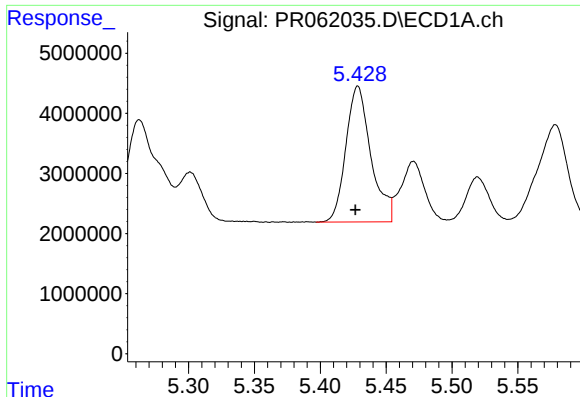
#22 AR-1248-2

R.T.: 5.215 min
Delta R.T.: 0.002 min
Response: 24656252
Conc: 397.58 ng/ml



#22 AR-1248-2

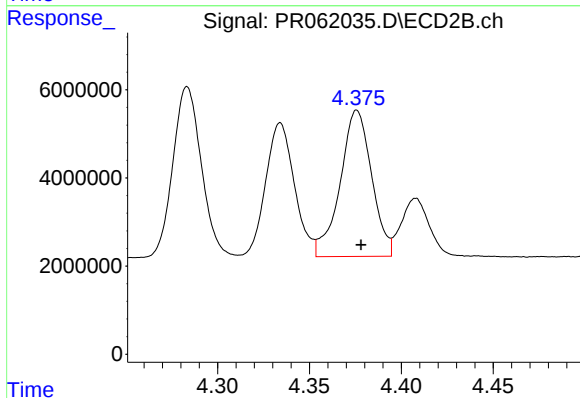
R.T.: 4.334 min
Delta R.T.: -0.002 min
Response: 33273804
Conc: 386.10 ng/ml



#23 AR-1248-3

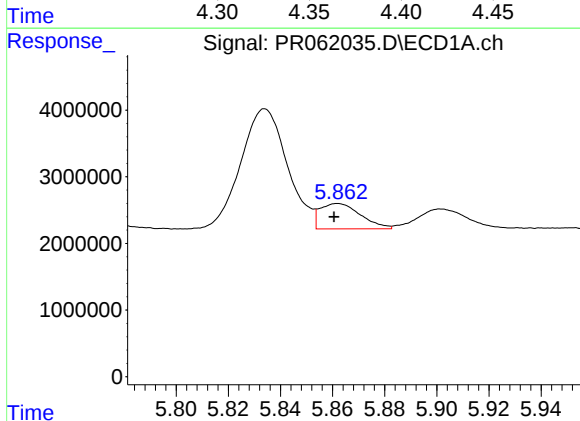
R.T.: 5.429 min
Delta R.T.: 0.002 min
Response: 29896515
Conc: 415.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



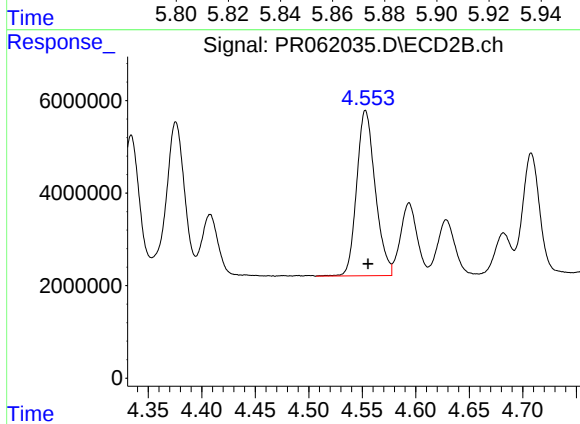
#23 AR-1248-3

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 39598014
Conc: 445.02 ng/ml



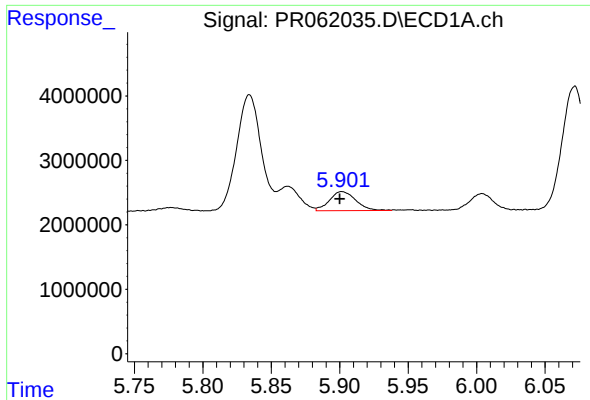
#24 AR-1248-4

R.T.: 5.862 min
Delta R.T.: 0.001 min
Response: 4135596
Conc: 56.59 ng/ml



#24 AR-1248-4

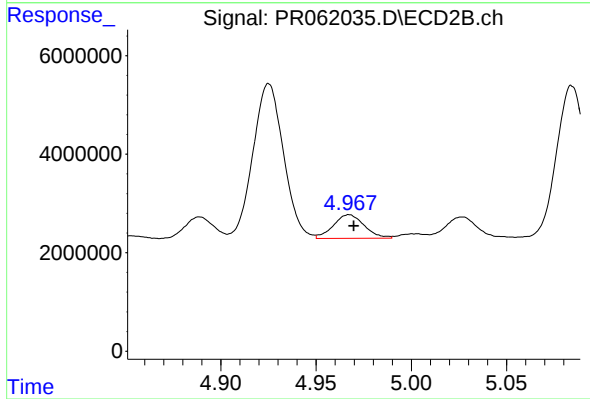
R.T.: 4.553 min
Delta R.T.: -0.002 min
Response: 43184046
Conc: 400.31 ng/ml



#25 AR-1248-5

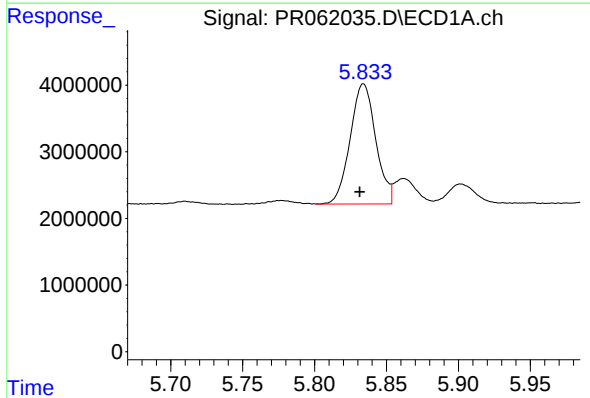
R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 3979274
Conc: 55.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



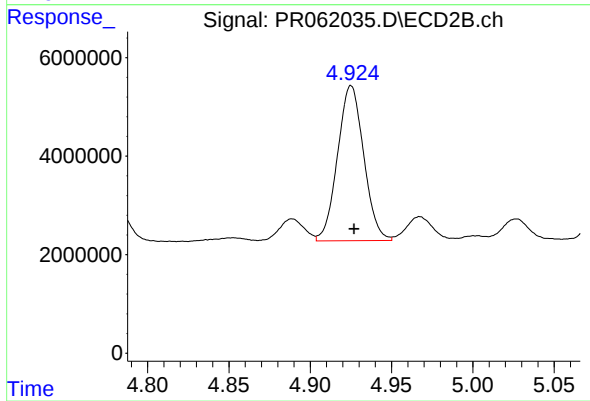
#25 AR-1248-5

R.T.: 4.967 min
Delta R.T.: -0.003 min
Response: 5436406
Conc: 50.82 ng/ml



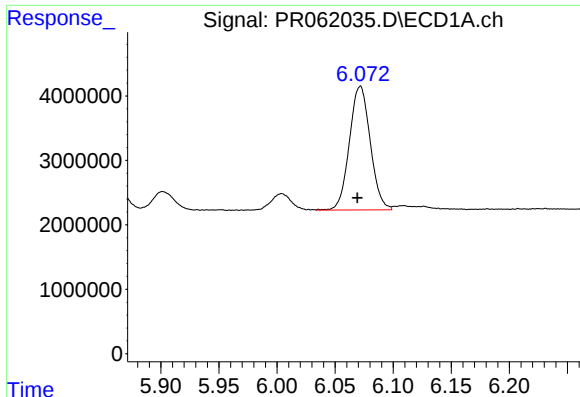
#26 AR-1254-1

R.T.: 5.834 min
Delta R.T.: 0.003 min
Response: 22427287
Conc: 281.13 ng/ml



#26 AR-1254-1

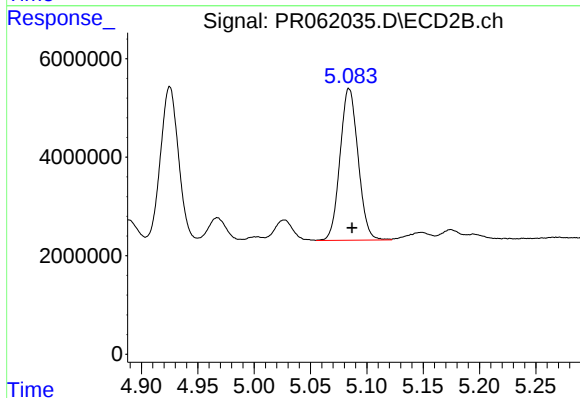
R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 35288893
Conc: 221.19 ng/ml



#27 AR-1254-2

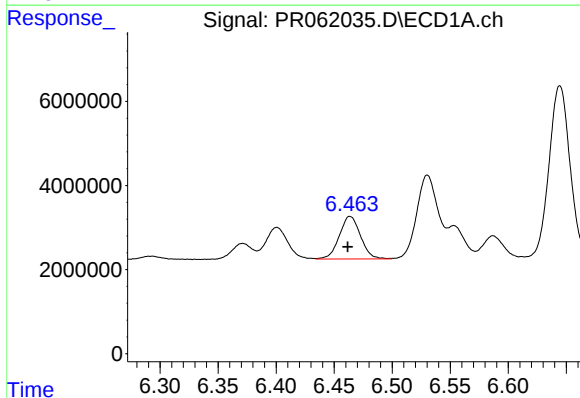
R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 24015927
Conc: 204.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



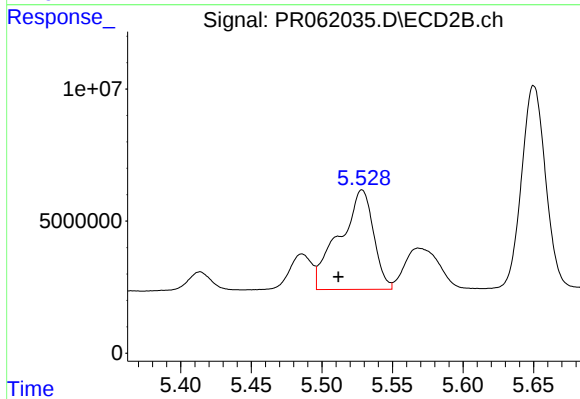
#27 AR-1254-2

R.T.: 5.084 min
Delta R.T.: -0.002 min
Response: 34404230
Conc: 236.90 ng/ml



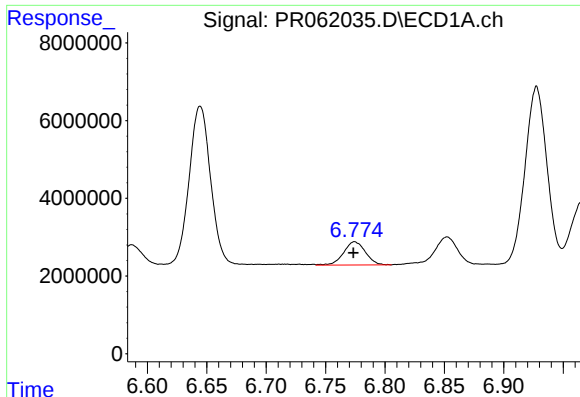
#28 AR-1254-3

R.T.: 6.464 min
Delta R.T.: 0.002 min
Response: 12866551
Conc: 112.23 ng/ml



#28 AR-1254-3

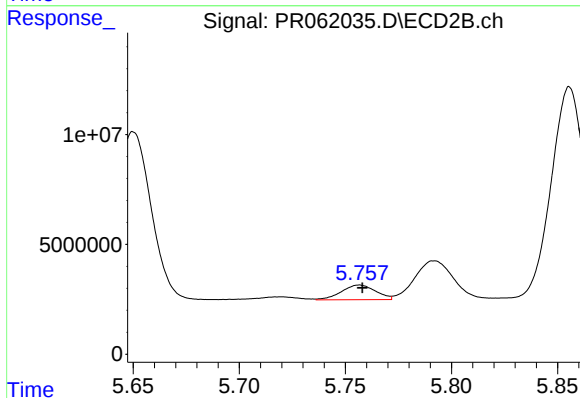
R.T.: 5.528 min
Delta R.T.: 0.017 min
Response: 63402053
Conc: 268.01 ng/ml



#29 AR-1254-4

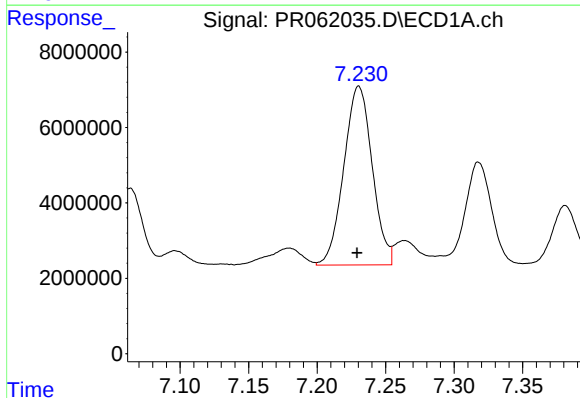
R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 7631399
Conc: 95.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



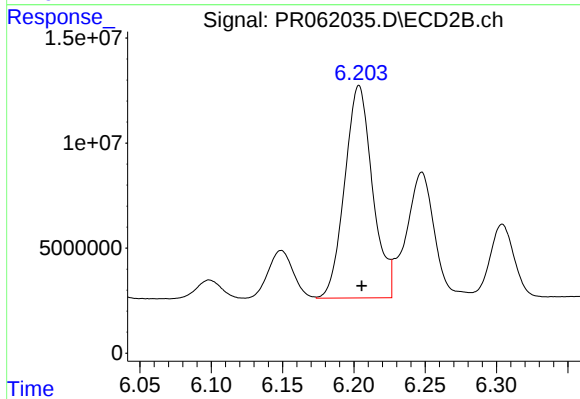
#29 AR-1254-4

R.T.: 5.757 min
Delta R.T.: -0.001 min
Response: 7511374
Conc: 49.32 ng/ml



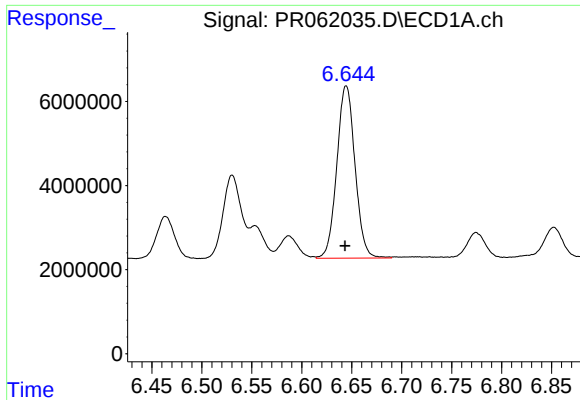
#30 AR-1254-5

R.T.: 7.230 min
Delta R.T.: 0.001 min
Response: 68456252
Conc: 763.17 ng/ml



#30 AR-1254-5

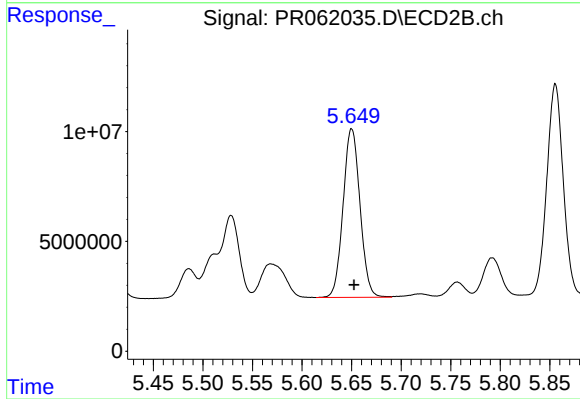
R.T.: 6.204 min
Delta R.T.: -0.002 min
Response: 137319561
Conc: 560.09 ng/ml



#31 AR-1260-1

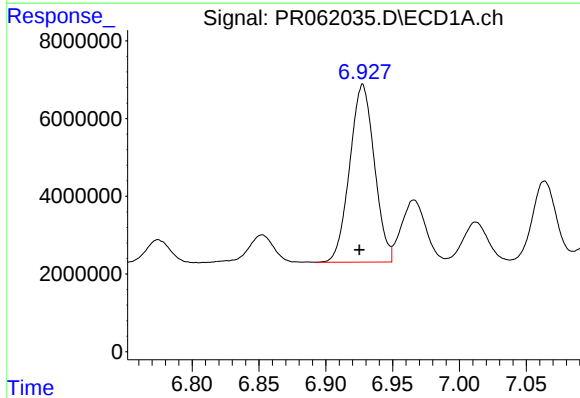
R.T.: 6.645 min
Delta R.T.: 0.001 min
Response: 52022698
Conc: 523.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



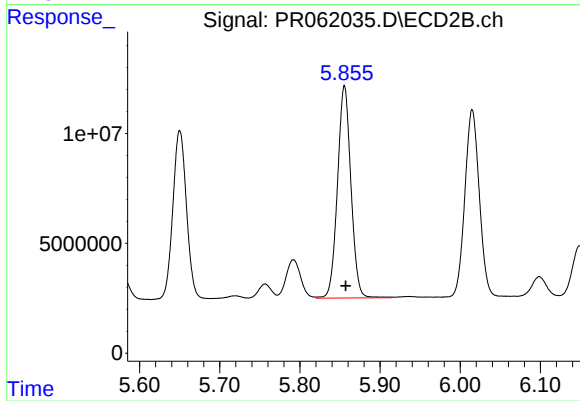
#31 AR-1260-1

R.T.: 5.650 min
Delta R.T.: -0.003 min
Response: 91137808
Conc: 524.99 ng/ml



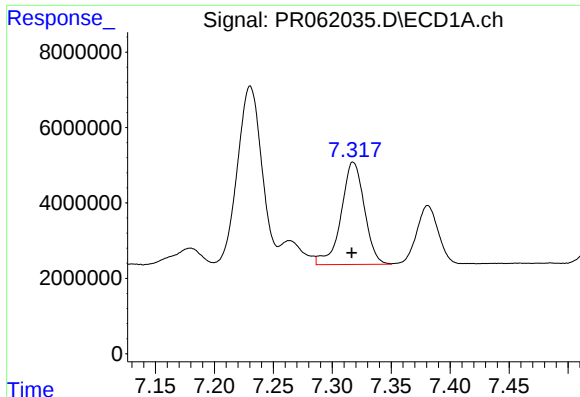
#32 AR-1260-2

R.T.: 6.928 min
Delta R.T.: 0.002 min
Response: 58694102
Conc: 532.56 ng/ml



#32 AR-1260-2

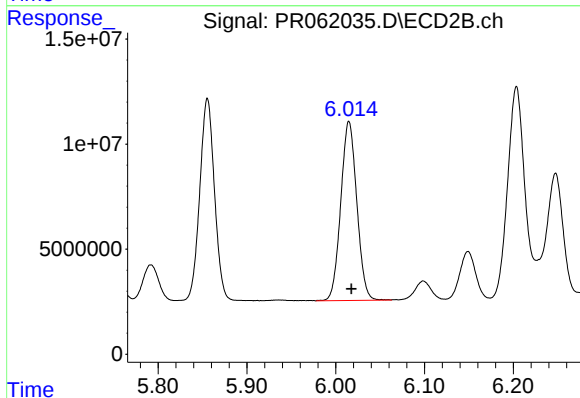
R.T.: 5.856 min
Delta R.T.: -0.002 min
Response: 112793993
Conc: 512.72 ng/ml



#33 AR-1260-3

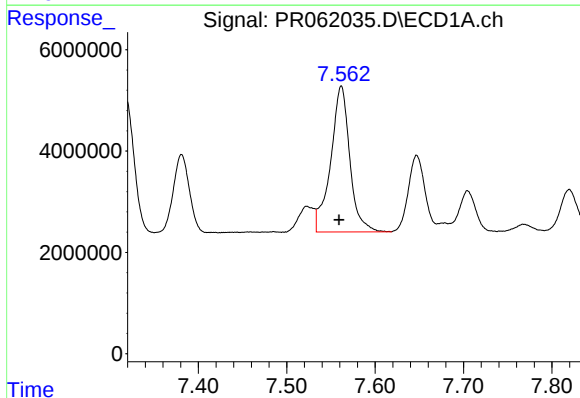
R.T.: 7.318 min
Delta R.T.: 0.001 min
Response: 37199490
Conc: 537.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



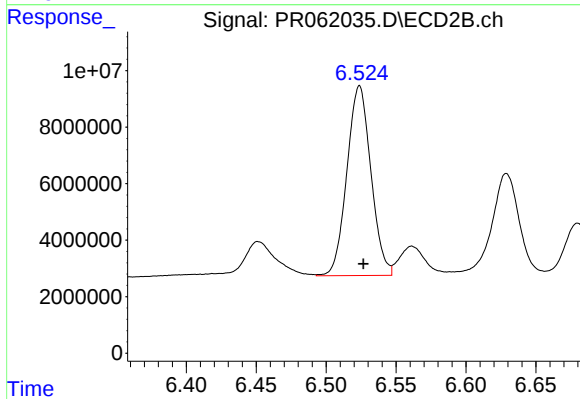
#33 AR-1260-3

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 106996266
Conc: 511.43 ng/ml



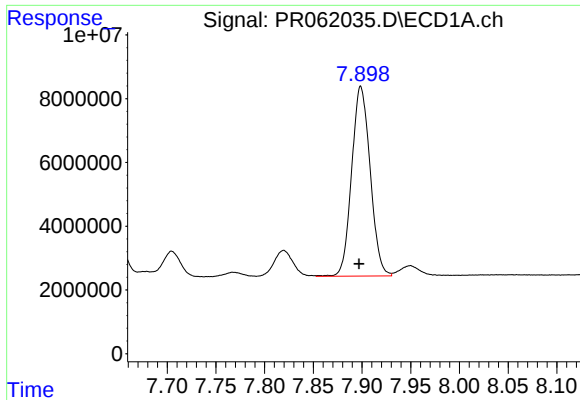
#34 AR-1260-4

R.T.: 7.562 min
Delta R.T.: 0.002 min
Response: 43363456
Conc: 529.48 ng/ml



#34 AR-1260-4

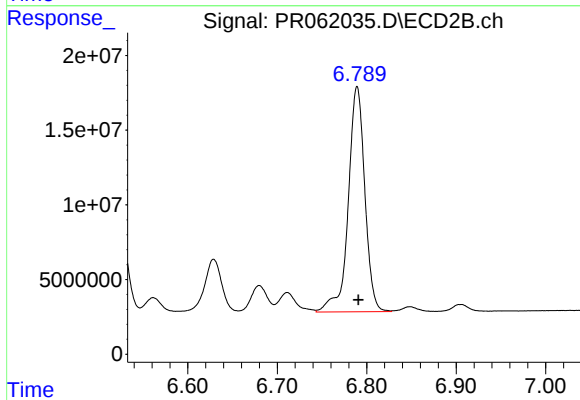
R.T.: 6.524 min
Delta R.T.: -0.003 min
Response: 80283704
Conc: 508.19 ng/ml



#35 AR-1260-5

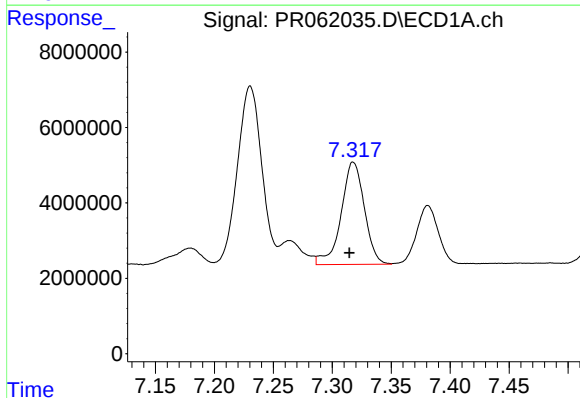
R.T.: 7.899 min
Delta R.T.: 0.002 min
Response: 78725793
Conc: 559.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



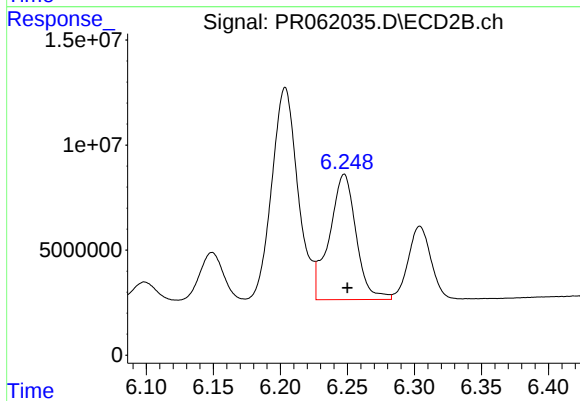
#35 AR-1260-5

R.T.: 6.789 min
Delta R.T.: -0.001 min
Response: 193905929
Conc: 522.09 ng/ml



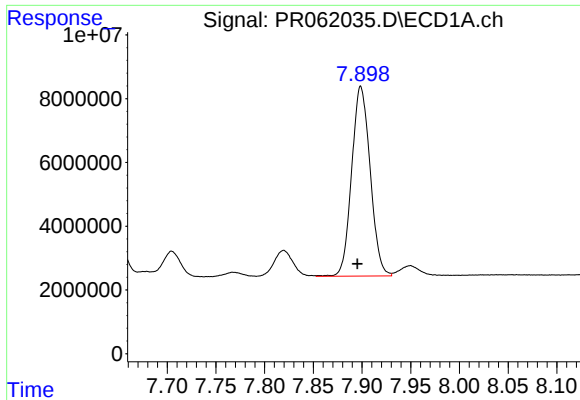
#36 AR-1262-1

R.T.: 7.318 min
Delta R.T.: 0.003 min
Response: 37199490
Conc: 346.57 ng/ml



#36 AR-1262-1

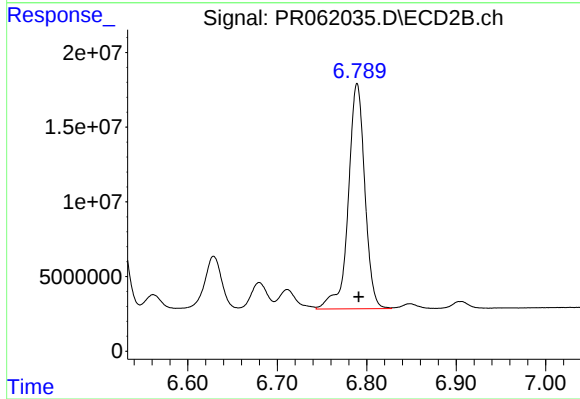
R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 82853212
Conc: 349.37 ng/ml



#37 AR-1262-2

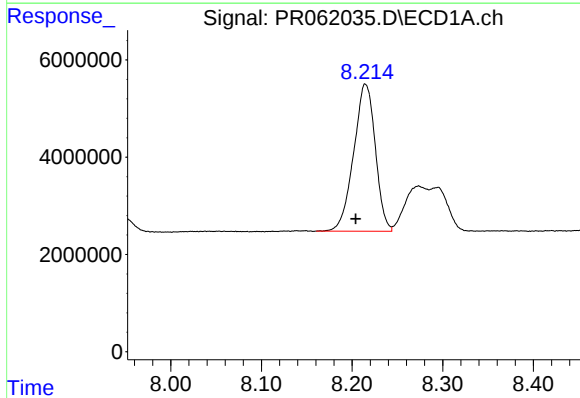
R.T.: 7.899 min
Delta R.T.: 0.003 min
Response: 78725793
Conc: 474.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



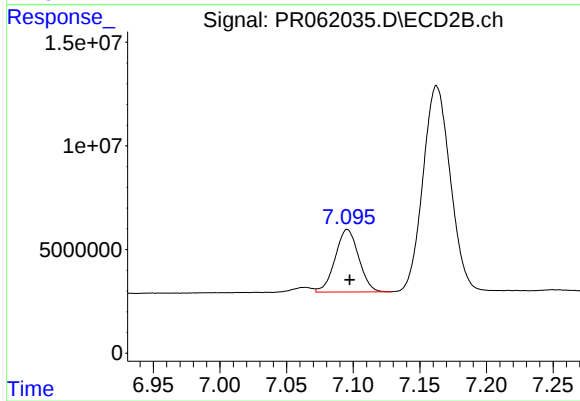
#37 AR-1262-2

R.T.: 6.789 min
Delta R.T.: -0.002 min
Response: 193905929
Conc: 442.33 ng/ml



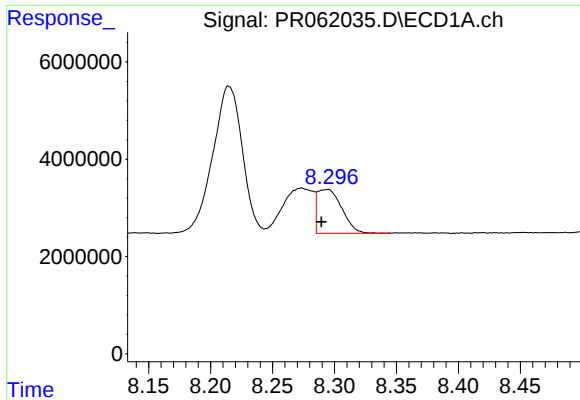
#38 AR-1262-3

R.T.: 8.215 min
Delta R.T.: 0.011 min
Response: 50246373
Conc: 439.74 ng/ml



#38 AR-1262-3

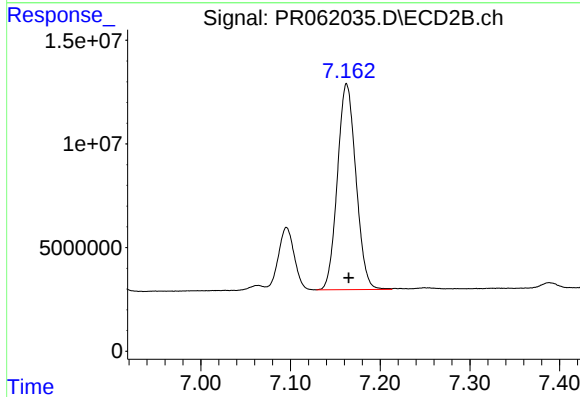
R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 37096997
Conc: 196.82 ng/ml



#39 AR-1262-4

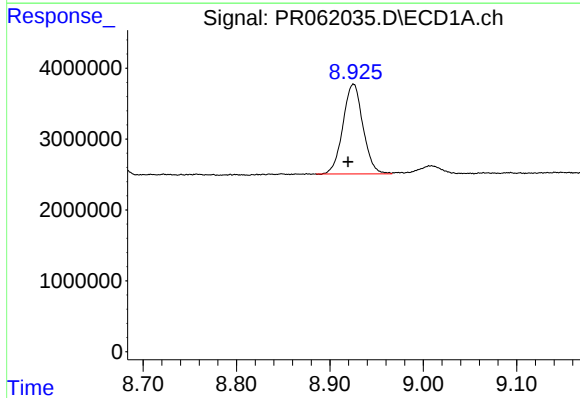
R.T.: 8.294 min
Delta R.T.: 0.005 min
Response: 12409950
Conc: 139.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



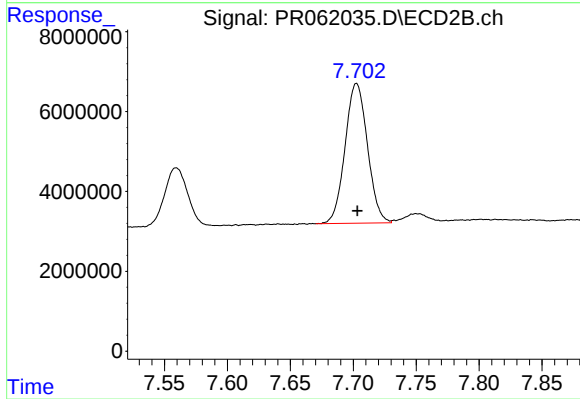
#39 AR-1262-4

R.T.: 7.163 min
Delta R.T.: -0.002 min
Response: 142360756
Conc: 423.23 ng/ml



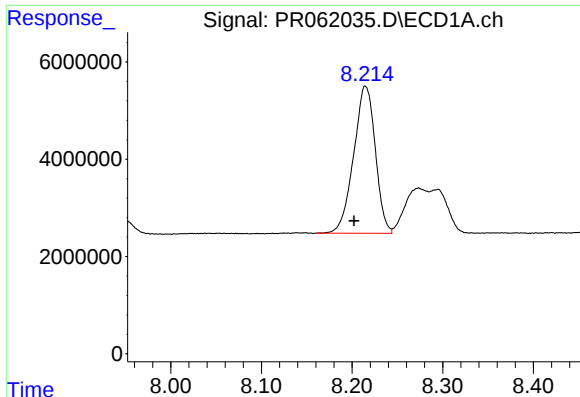
#40 AR-1262-5

R.T.: 8.925 min
Delta R.T.: 0.006 min
Response: 18882719
Conc: 320.33 ng/ml



#40 AR-1262-5

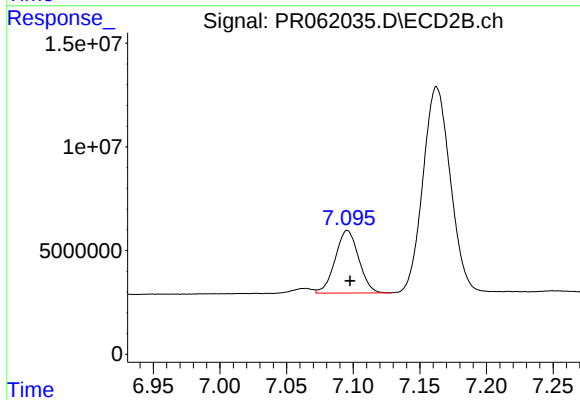
R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 43378425
Conc: 270.70 ng/ml



#41 AR-1268-1

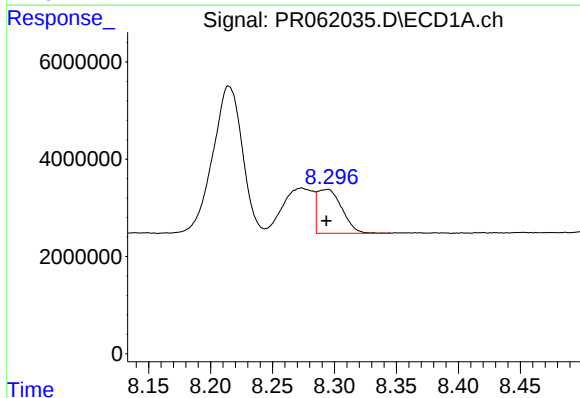
R.T.: 8.215 min
Delta R.T.: 0.013 min
Response: 50246373
Conc: 254.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



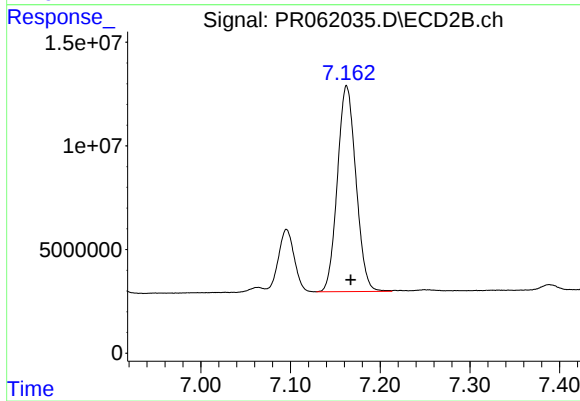
#41 AR-1268-1

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 37096997
Conc: 72.11 ng/ml



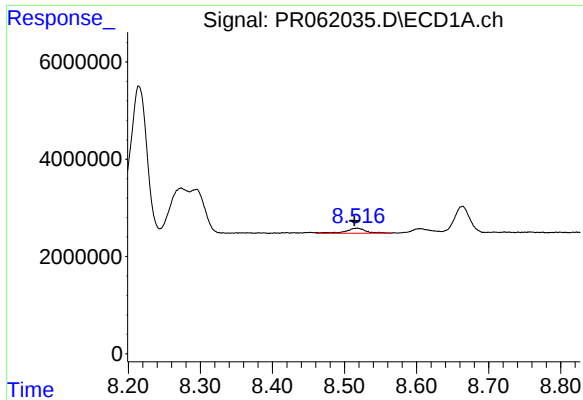
#42 AR-1268-2

R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 12409950
Conc: 68.11 ng/ml



#42 AR-1268-2

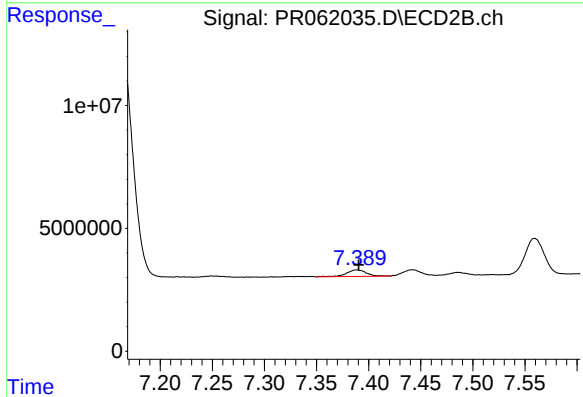
R.T.: 7.163 min
Delta R.T.: -0.004 min
Response: 142360756
Conc: 299.14 ng/ml



#43 AR-1268-3

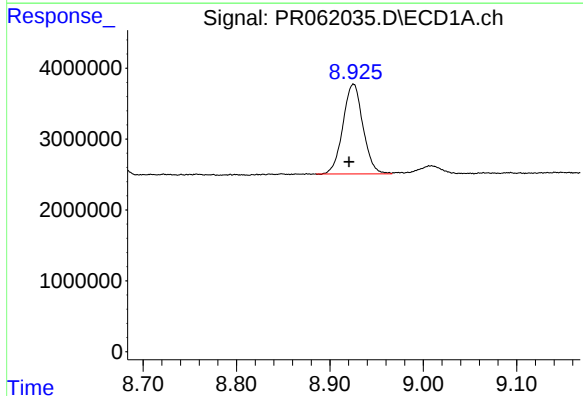
R.T.: 8.517 min
Delta R.T.: 0.004 min
Response: 1980295
Conc: 12.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



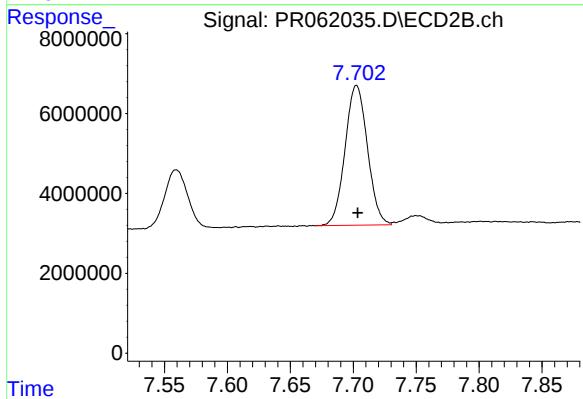
#43 AR-1268-3

R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 3456183
Conc: 8.44 ng/ml



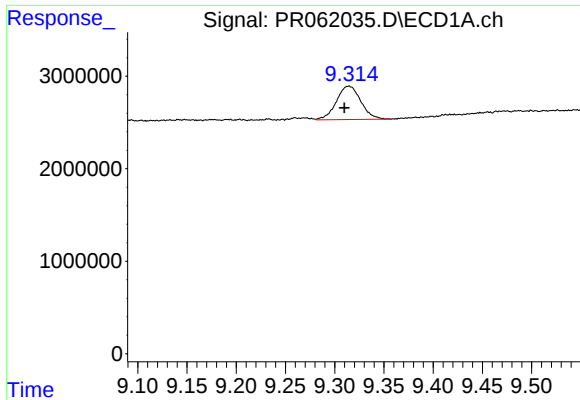
#44 AR-1268-4

R.T.: 8.925 min
Delta R.T.: 0.005 min
Response: 18882719
Conc: 293.43 ng/ml



#44 AR-1268-4

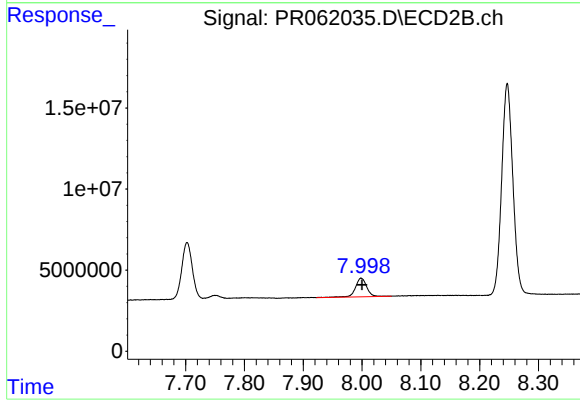
R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 43378425
Conc: 246.81 ng/ml



#45 AR-1268-5

R.T.: 9.314 min
Delta R.T.: 0.005 min
Response: 6226962
Conc: 13.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.999 min
Delta R.T.: -0.002 min
Response: 15414629
Conc: 11.97 ng/ml