

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR090922\
 Data File : PR056431.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2022 14:20
 Operator : AJ\MA
 Sample : N4520-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 15:18:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 07 09:20:17 2022
 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...	3.624	2.895	85440621	36998086	17.783	21.109
2)	SA Decachlor...	9.511	8.101	39725231	27837592	20.019	16.732
Target Compounds							
3)	L1 AR-1016-1	4.845	3.999	68478900	30077143	546.606	561.284
4)	L1 AR-1016-2	4.866	4.016	96137631	41774331	528.796	519.837
5)	L1 AR-1016-3	4.930	4.192	55722214	24129606	522.321	556.084
6)	L1 AR-1016-4	5.032	4.244	43667127	17326951	504.510	546.647
7)	L1 AR-1016-5	5.348	4.458	40181617	22971671	529.689	544.246
8)	L2 AR-1221-1	3.842	3.116	15287688	3693942	283.714	184.717 #
9)	L2 AR-1221-2	3.934	3.202	11758021	5876924	300.049	389.018 #
10)	L2 AR-1221-3	4.012	3.277	43936745	17071637	369.498	366.505
11)	L3 AR-1232-1	4.012	3.277	43936745	17071637	456.777	452.540
12)	L3 AR-1232-2	4.560	4.016	58584520	41774331	1331.419	1189.404
13)	L3 AR-1232-3	4.866	4.192	96137631	24129606	1197.230	1320.921
14)	L3 AR-1232-4	5.032	4.284	43667127	21758773	1162.299	1452.815
15)	L3 AR-1232-5	5.136	4.458	30047801	22971671	1173.014	1318.006
16)	L4 AR-1242-1	4.845	3.999	68478900	30077143	654.003	670.033
17)	L4 AR-1242-2	4.866	4.016	96137631	41774331	632.467	632.696
18)	L4 AR-1242-3	4.930	4.192	55722214	24129606	621.100	666.125
19)	L4 AR-1242-4	5.032	4.284	43667127	21758773	601.835	672.728
20)	L4 AR-1242-5	5.821	4.824	8080820	20696456	121.234	494.588 #
21)	L5 AR-1248-1	4.845	3.999	68478900	30077143	847.536	862.377
22)	L5 AR-1248-2	5.136	4.244	30047801	17326951	313.347	367.533
23)	L5 AR-1248-3	5.348	4.284	40181617	21758773	376.342	449.417
24)	L5 AR-1248-4	5.781	4.458	8435440	22971671	76.459	390.616 #
25)	L5 AR-1248-5	5.821	4.866	8080820	4362341	73.532	71.883
26)	L6 AR-1254-1	5.751	4.824	30191136	20696456	284.621	235.341
27)	L6 AR-1254-2	5.989	4.982	33057559	19003754	211.689	247.662
28)	L6 AR-1254-3	6.381	5.400	25540290	12677978	166.981	100.224 #
29)	L6 AR-1254-4	6.691	5.644	12343681	5044903	106.146	63.465 #
30)	L6 AR-1254-5	7.147	6.085	91522585	59595864	780.067	539.107 #
31)	L7 AR-1260-1	6.561	5.538	54136428	38383875	487.142	467.993
32)	L7 AR-1260-2	6.843	5.743	70510074	47300139	530.314	464.336
33)	L7 AR-1260-3	7.233	5.898	41232356	43588055	420.246	460.508
34)	L7 AR-1260-4	7.476	6.401	59159037	30736785	546.093	383.037 #
35)	L7 AR-1260-5	7.815	6.666	93437435	71131007	445.580	372.024
36)	L8 AR-1262-1	7.233	6.129	41232356	33483605	309.644	311.812
37)	L8 AR-1262-2	7.815	6.401	93437435	30736785	411.188	310.447
38)	L8 AR-1262-3	8.128	6.968	60596007	15124394	387.492	190.424 #
39)	L8 AR-1262-4	8.204	7.034	15191683	55210528	220.734	358.413 #
40)	L8 AR-1262-5	8.825	7.571	24153037	18423516	283.456	253.403
41)	L9 AR-1268-1	8.128	6.968	60596007	15124394	218.737	64.771 #

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 Acq On : 08 Sep 2022 14:20
 Operator : AJ\MA
 Sample : N4520-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

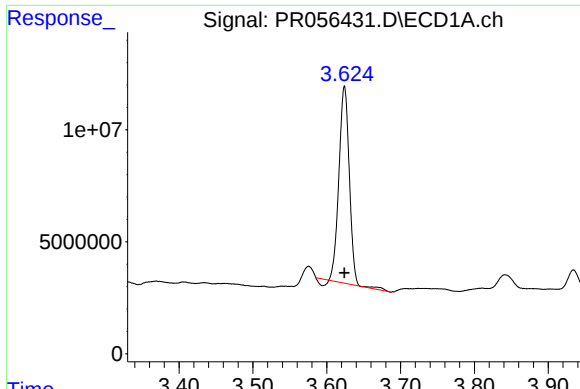
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 15:18:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090722.M
 Quant Title : GC EXTRACTABLES
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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	8.204	7.034	15191683	55210528	58.407	251.104 #
43) L9	AR-1268-3	8.422	7.255	2896701	1783189	13.128	9.640 #
44) L9	AR-1268-4	8.825	7.571	24153037	18423516	248.781	225.524
45) L9	AR-1268-5	9.205	7.864	10081438	6699709	14.100	10.981

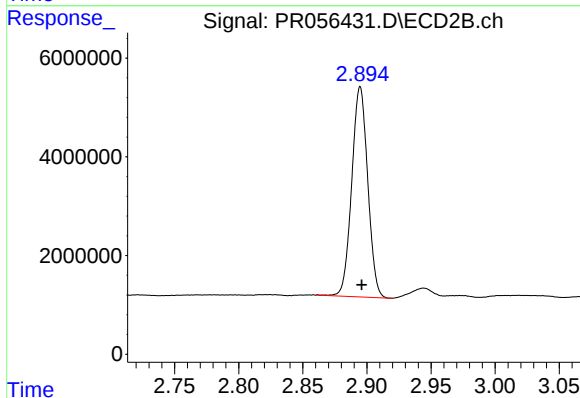
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

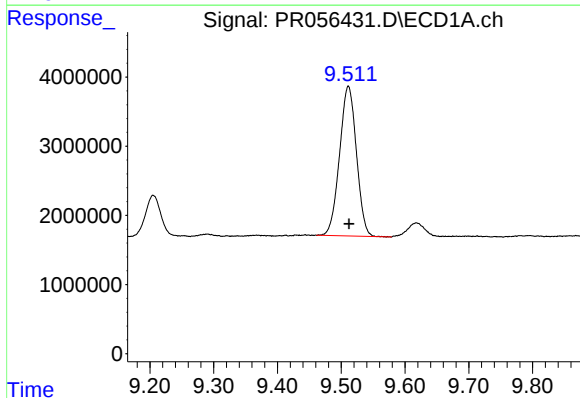
R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 85440621
Conc: 17.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



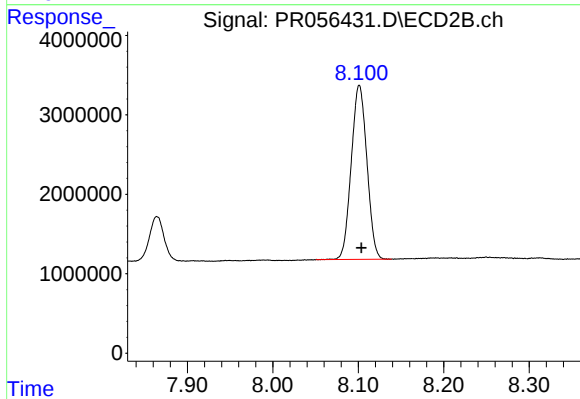
#1 Tetrachloro-m-xylene

R.T.: 2.895 min
Delta R.T.: -0.001 min
Response: 36998086
Conc: 21.11 ng/ml



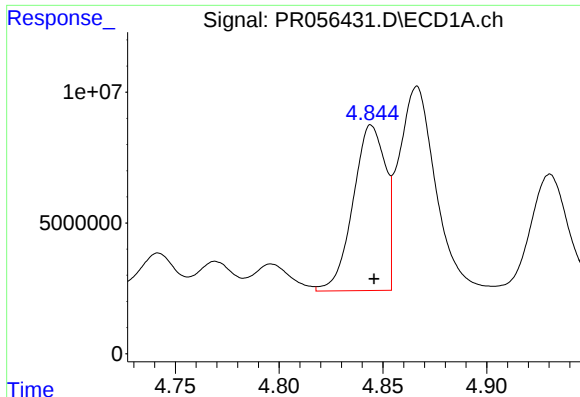
#2 Decachlorobiphenyl

R.T.: 9.511 min
Delta R.T.: -0.001 min
Response: 39725231
Conc: 20.02 ng/ml



#2 Decachlorobiphenyl

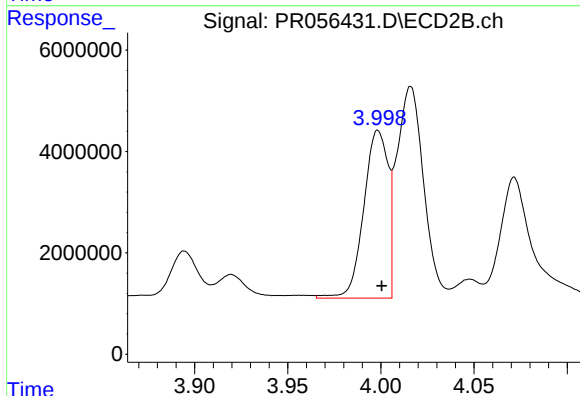
R.T.: 8.101 min
Delta R.T.: -0.002 min
Response: 27837592
Conc: 16.73 ng/ml



#3 AR-1016-1

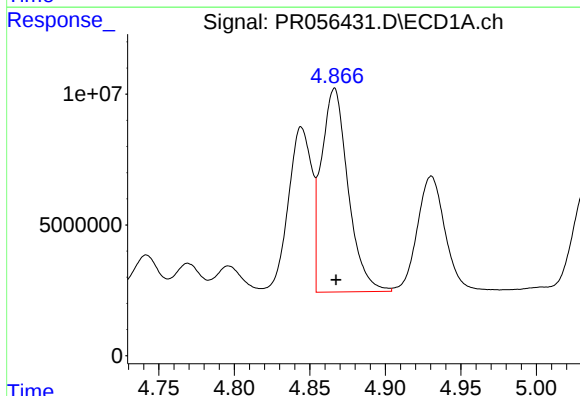
R.T.: 4.845 min
Delta R.T.: -0.001 min
Response: 68478900
Conc: 546.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



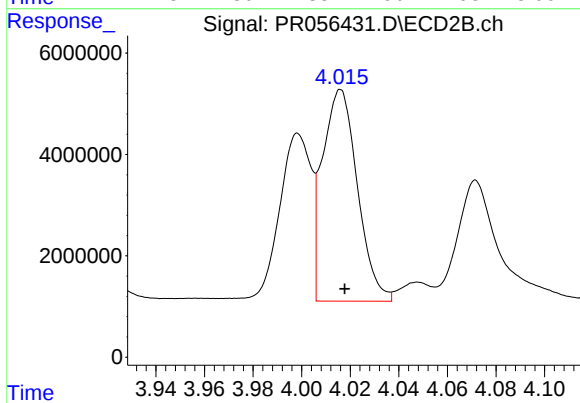
#3 AR-1016-1

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 30077143
Conc: 561.28 ng/ml



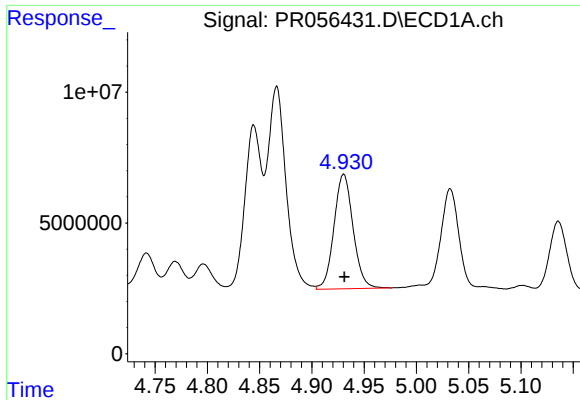
#4 AR-1016-2

R.T.: 4.866 min
Delta R.T.: -0.001 min
Response: 96137631
Conc: 528.80 ng/ml



#4 AR-1016-2

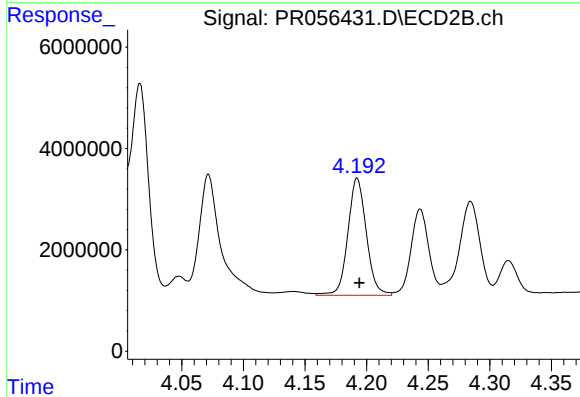
R.T.: 4.016 min
Delta R.T.: -0.002 min
Response: 41774331
Conc: 519.84 ng/ml



#5 AR-1016-3

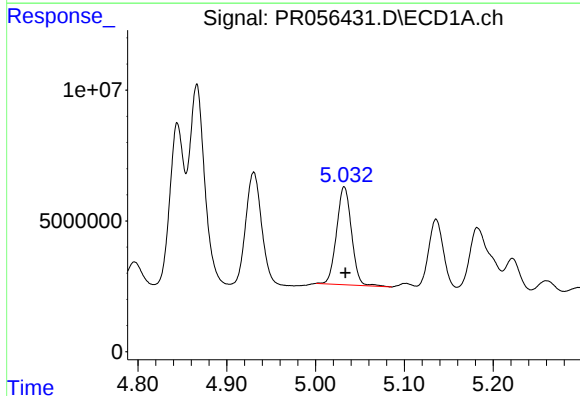
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 55722214
Conc: 522.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



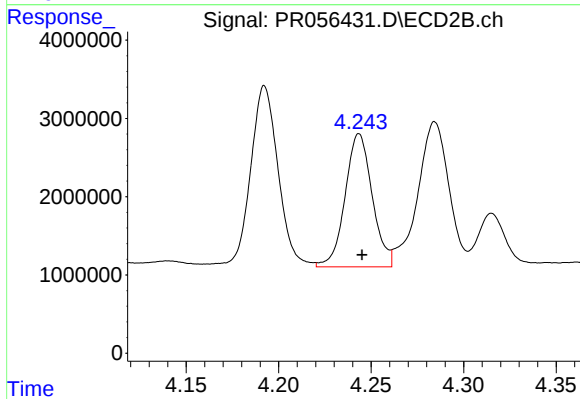
#5 AR-1016-3

R.T.: 4.192 min
Delta R.T.: -0.002 min
Response: 24129606
Conc: 556.08 ng/ml



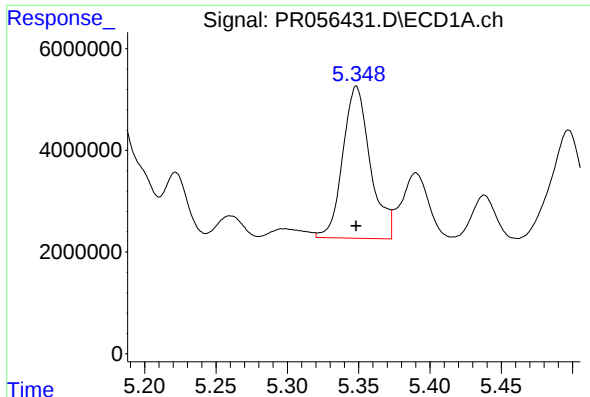
#6 AR-1016-4

R.T.: 5.032 min
Delta R.T.: -0.001 min
Response: 43667127
Conc: 504.51 ng/ml



#6 AR-1016-4

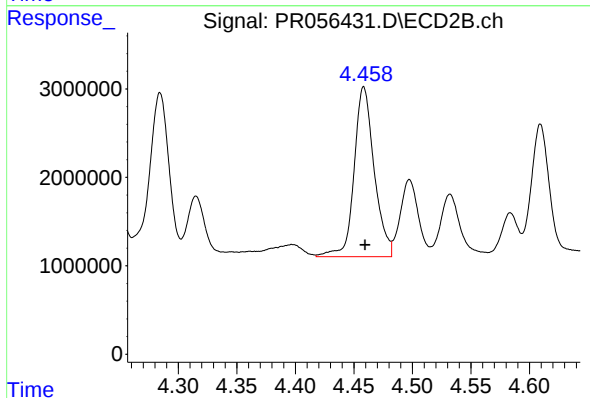
R.T.: 4.244 min
Delta R.T.: -0.002 min
Response: 17326951
Conc: 546.65 ng/ml



#7 AR-1016-5

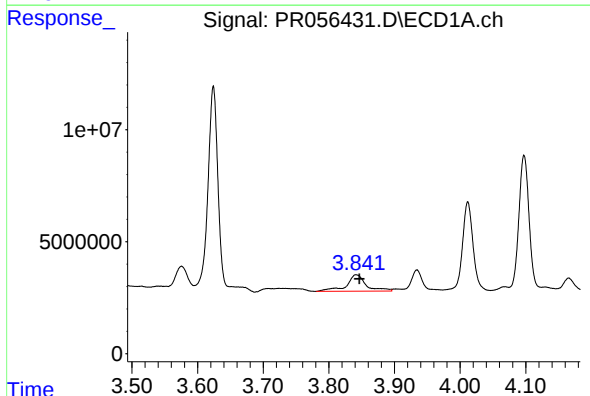
R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 40181617
Conc: 529.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



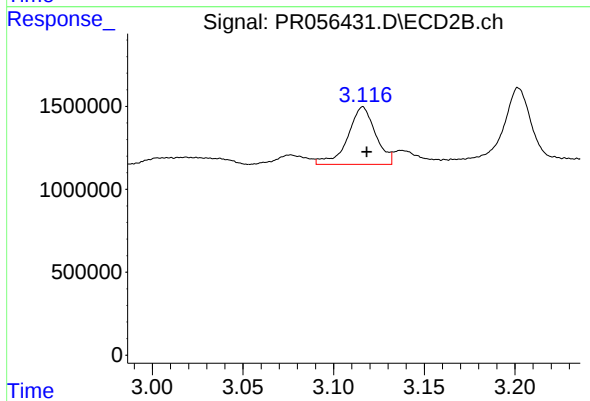
#7 AR-1016-5

R.T.: 4.458 min
Delta R.T.: -0.001 min
Response: 22971671
Conc: 544.25 ng/ml



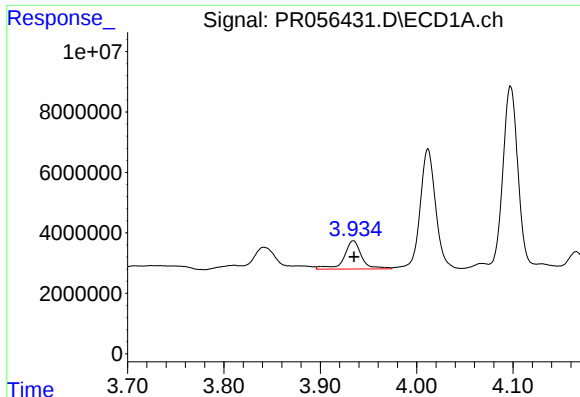
#8 AR-1221-1

R.T.: 3.842 min
Delta R.T.: -0.005 min
Response: 15287688
Conc: 283.71 ng/ml



#8 AR-1221-1

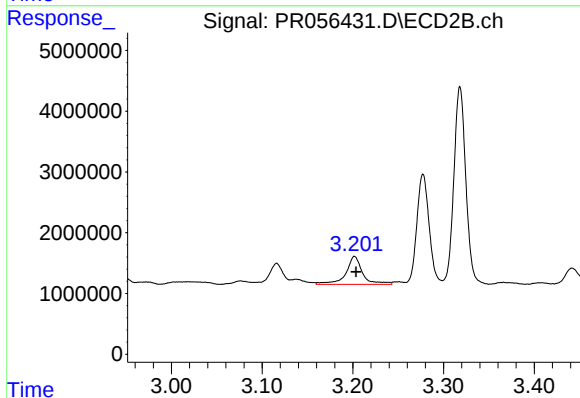
R.T.: 3.116 min
Delta R.T.: -0.002 min
Response: 3693942
Conc: 184.72 ng/ml



#9 AR-1221-2

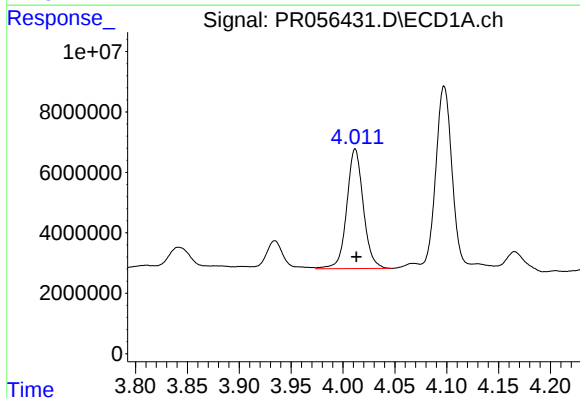
R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 11758021
Conc: 300.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



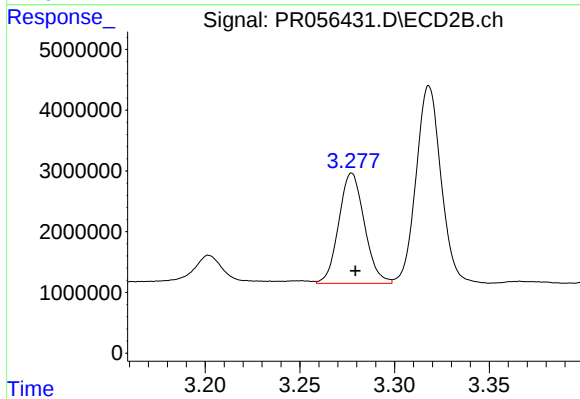
#9 AR-1221-2

R.T.: 3.202 min
Delta R.T.: -0.002 min
Response: 5876924
Conc: 389.02 ng/ml



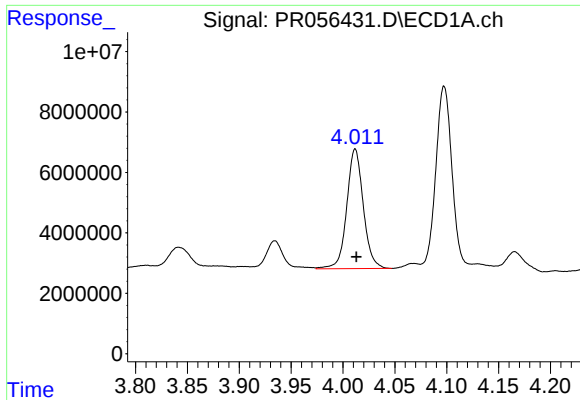
#10 AR-1221-3

R.T.: 4.012 min
Delta R.T.: -0.001 min
Response: 43936745
Conc: 369.50 ng/ml



#10 AR-1221-3

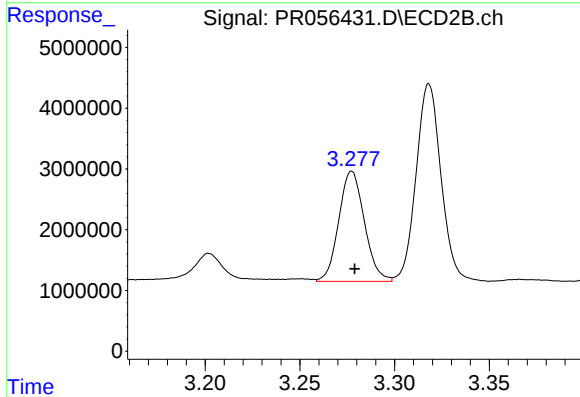
R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 17071637
Conc: 366.50 ng/ml



#11 AR-1232-1

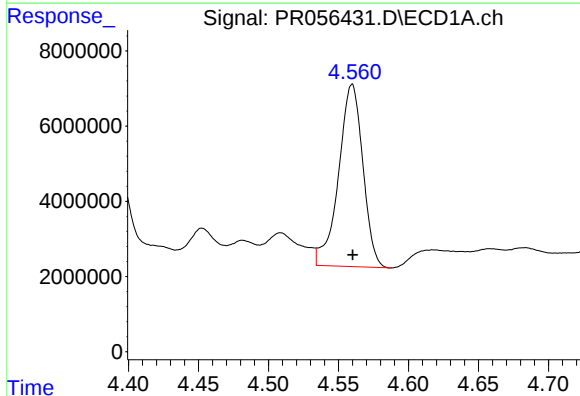
R.T.: 4.012 min
Delta R.T.: -0.001 min
Response: 43936745
Conc: 456.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



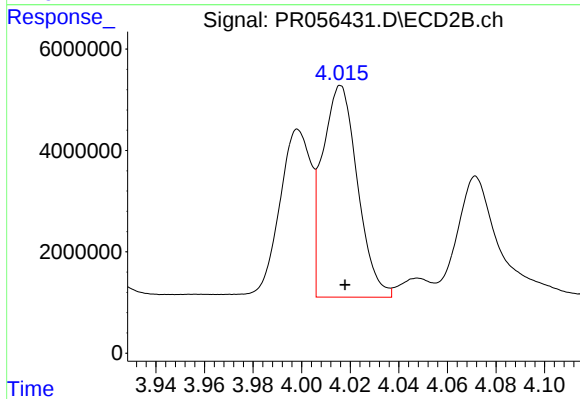
#11 AR-1232-1

R.T.: 3.277 min
Delta R.T.: -0.001 min
Response: 17071637
Conc: 452.54 ng/ml



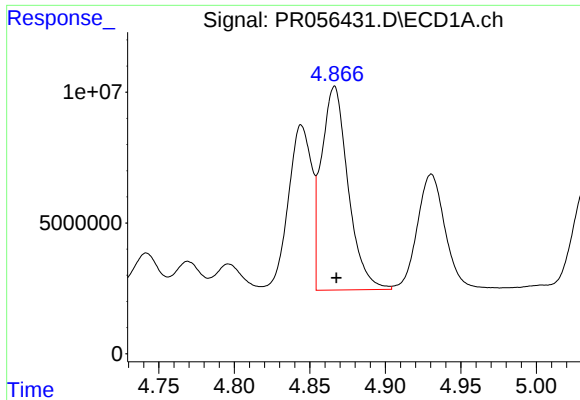
#12 AR-1232-2

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 58584520
Conc: 1331.42 ng/ml



#12 AR-1232-2

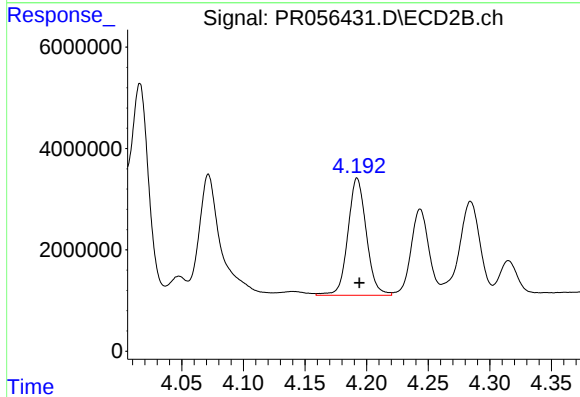
R.T.: 4.016 min
Delta R.T.: -0.002 min
Response: 41774331
Conc: 1189.40 ng/ml



#13 AR-1232-3

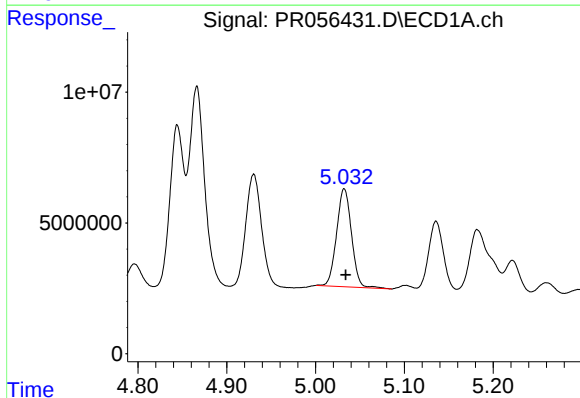
R.T.: 4.866 min
Delta R.T.: -0.001 min
Response: 96137631
Conc: 1197.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



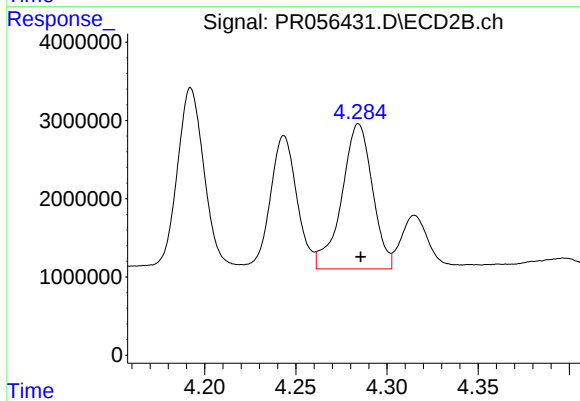
#13 AR-1232-3

R.T.: 4.192 min
Delta R.T.: -0.002 min
Response: 24129606
Conc: 1320.92 ng/ml



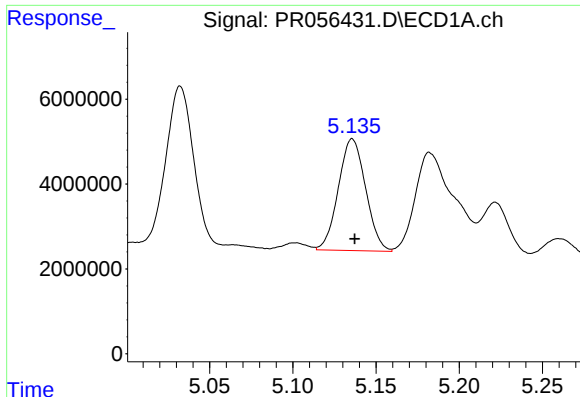
#14 AR-1232-4

R.T.: 5.032 min
Delta R.T.: -0.002 min
Response: 43667127
Conc: 1162.30 ng/ml



#14 AR-1232-4

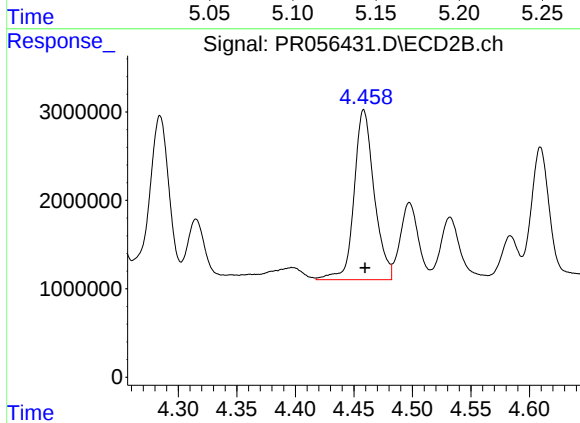
R.T.: 4.284 min
Delta R.T.: -0.001 min
Response: 21758773
Conc: 1452.81 ng/ml



#15 AR-1232-5

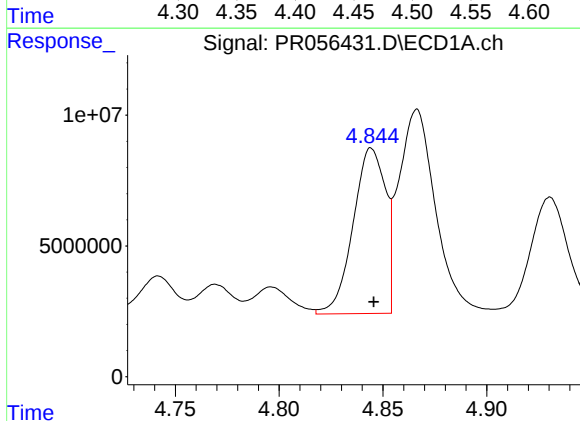
R.T.: 5.136 min
Delta R.T.: -0.001 min
Response: 30047801
Conc: 1173.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



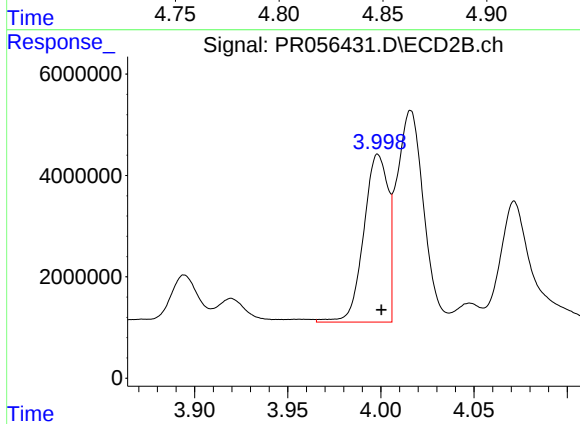
#15 AR-1232-5

R.T.: 4.458 min
Delta R.T.: -0.001 min
Response: 22971671
Conc: 1318.01 ng/ml



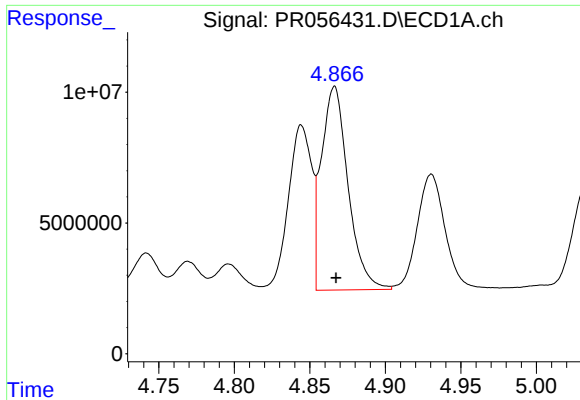
#16 AR-1242-1

R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 68478900
Conc: 654.00 ng/ml



#16 AR-1242-1

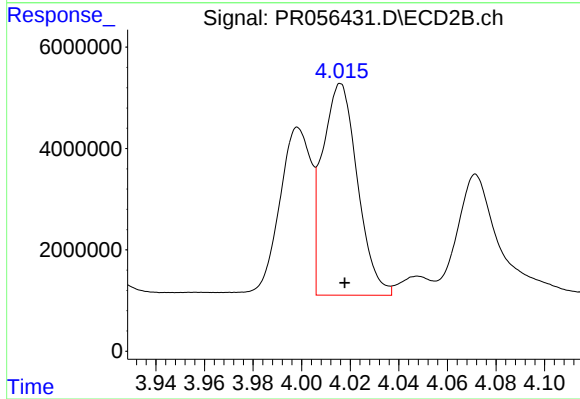
R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 30077143
Conc: 670.03 ng/ml



#17 AR-1242-2

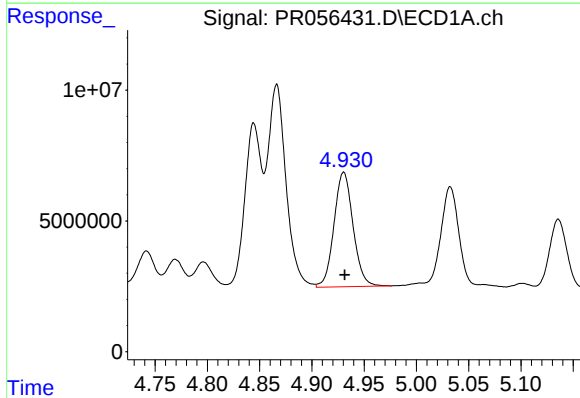
R.T.: 4.866 min
Delta R.T.: -0.001 min
Response: 96137631
Conc: 632.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



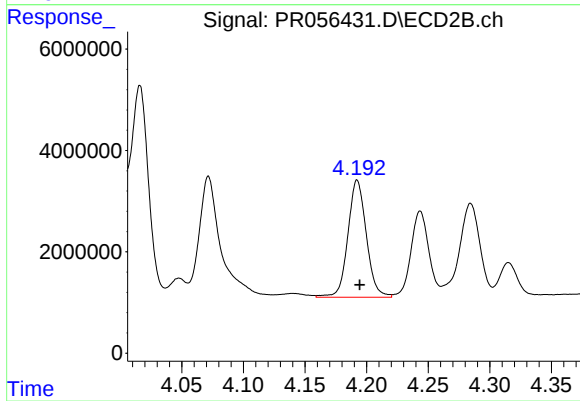
#17 AR-1242-2

R.T.: 4.016 min
Delta R.T.: -0.002 min
Response: 41774331
Conc: 632.70 ng/ml



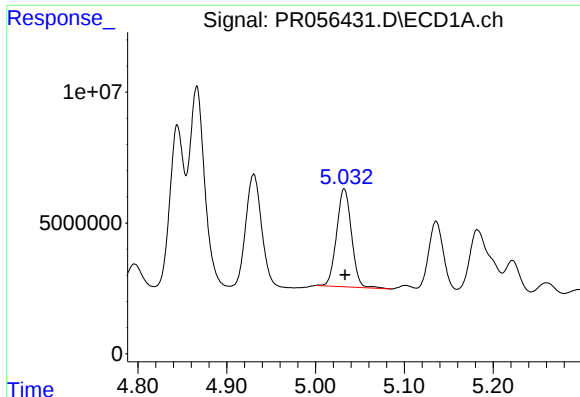
#18 AR-1242-3

R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 55722214
Conc: 621.10 ng/ml



#18 AR-1242-3

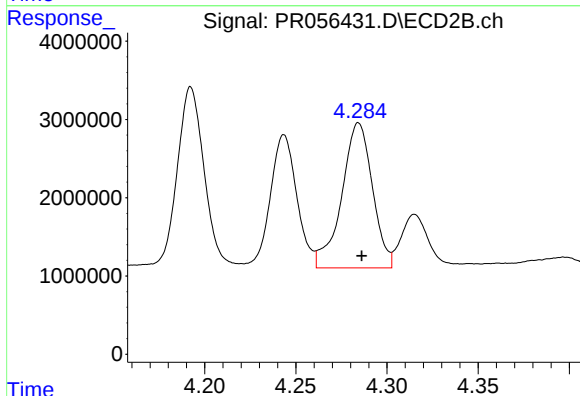
R.T.: 4.192 min
Delta R.T.: -0.002 min
Response: 24129606
Conc: 666.12 ng/ml



#19 AR-1242-4

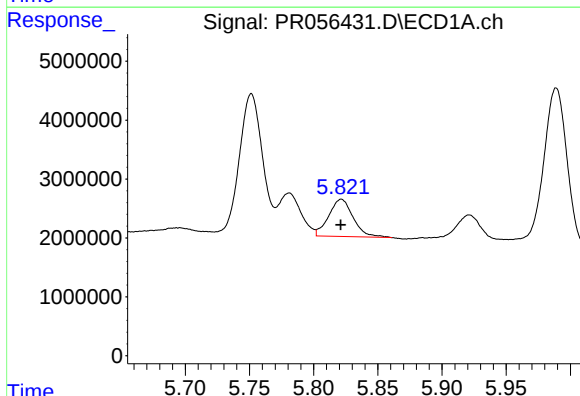
R.T.: 5.032 min
Delta R.T.: -0.001 min
Response: 43667127
Conc: 601.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



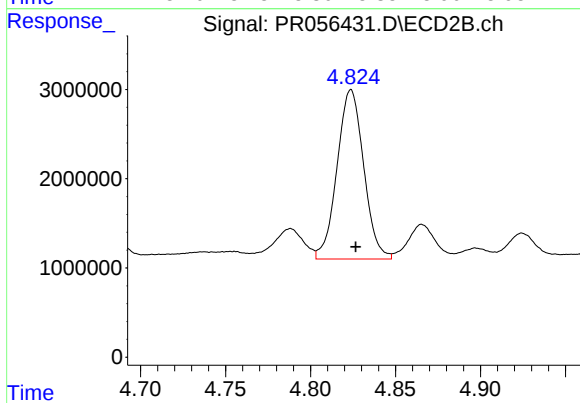
#19 AR-1242-4

R.T.: 4.284 min
Delta R.T.: -0.002 min
Response: 21758773
Conc: 672.73 ng/ml



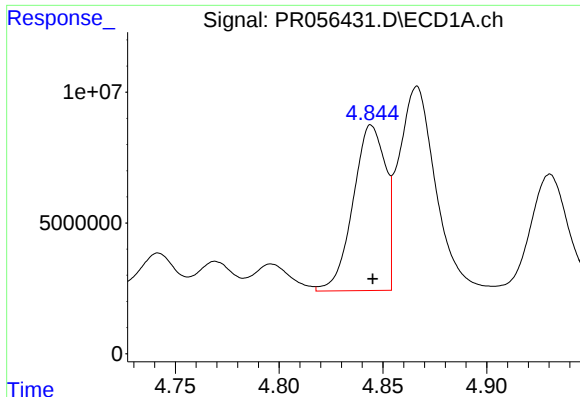
#20 AR-1242-5

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 8080820
Conc: 121.23 ng/ml



#20 AR-1242-5

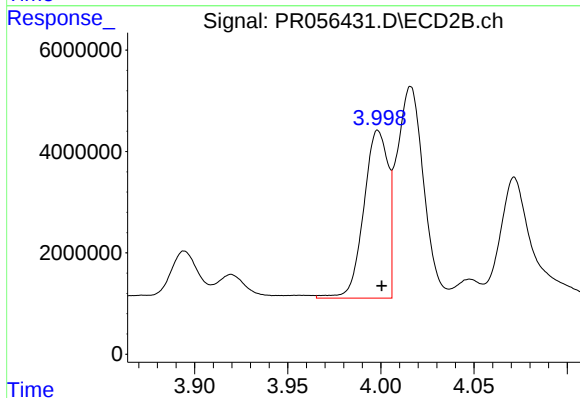
R.T.: 4.824 min
Delta R.T.: -0.003 min
Response: 20696456
Conc: 494.59 ng/ml



#21 AR-1248-1

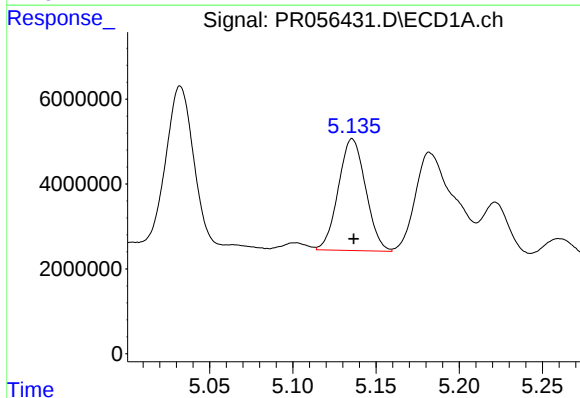
R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 68478900
Conc: 847.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



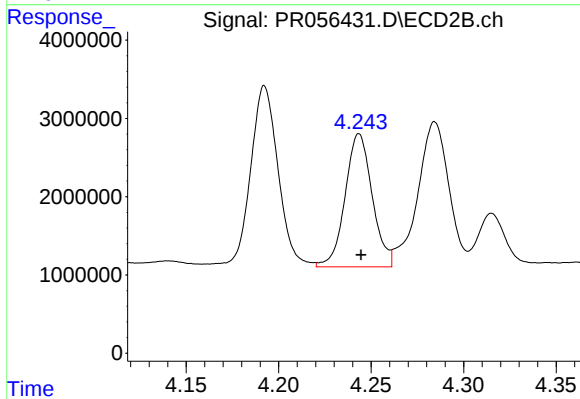
#21 AR-1248-1

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 30077143
Conc: 862.38 ng/ml



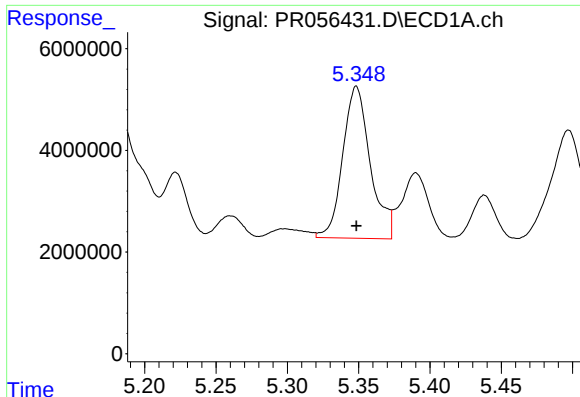
#22 AR-1248-2

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 30047801
Conc: 313.35 ng/ml



#22 AR-1248-2

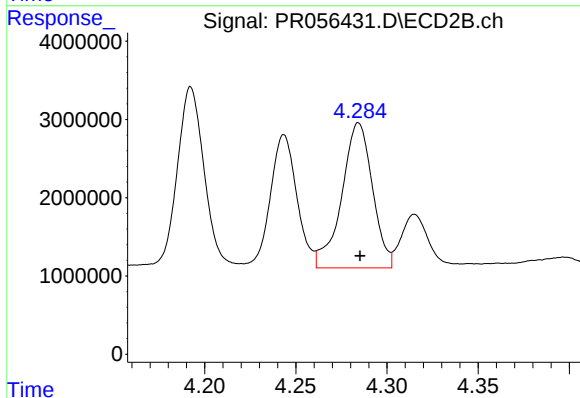
R.T.: 4.244 min
Delta R.T.: -0.001 min
Response: 17326951
Conc: 367.53 ng/ml



#23 AR-1248-3

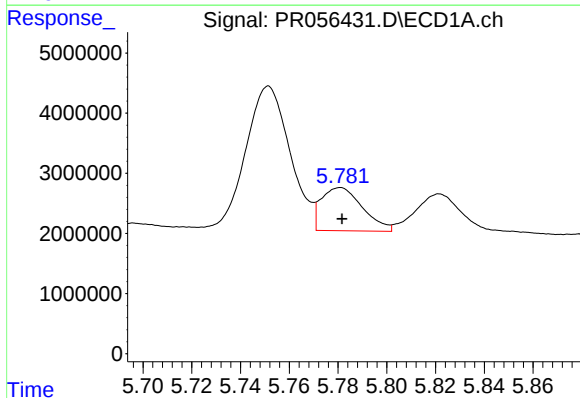
R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 40181617
Conc: 376.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



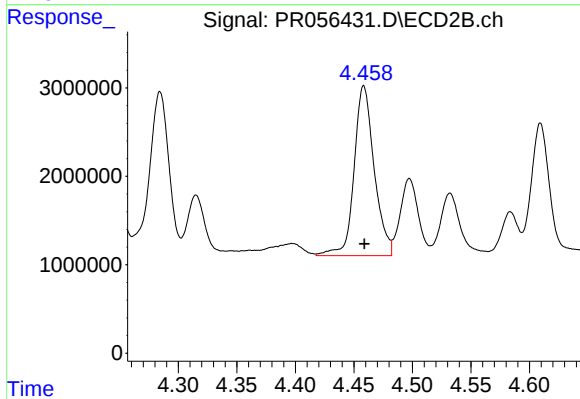
#23 AR-1248-3

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 21758773
Conc: 449.42 ng/ml



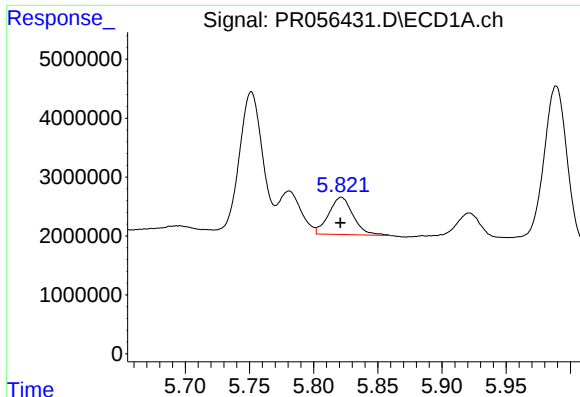
#24 AR-1248-4

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 8435440
Conc: 76.46 ng/ml



#24 AR-1248-4

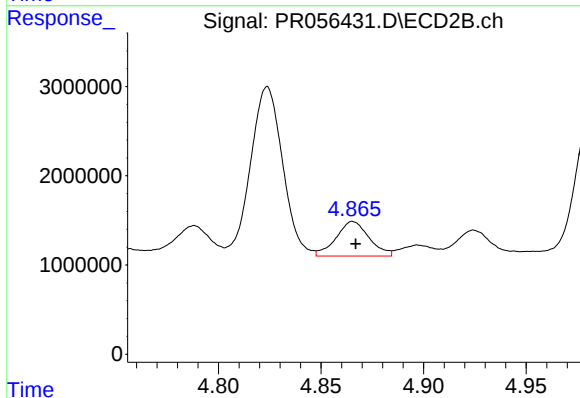
R.T.: 4.458 min
Delta R.T.: 0.000 min
Response: 22971671
Conc: 390.62 ng/ml



#25 AR-1248-5

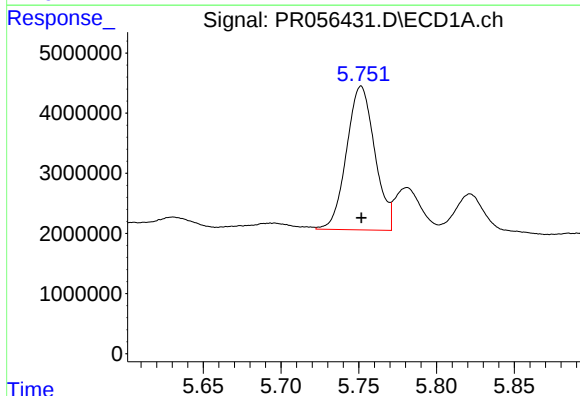
R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 8080820
Conc: 73.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



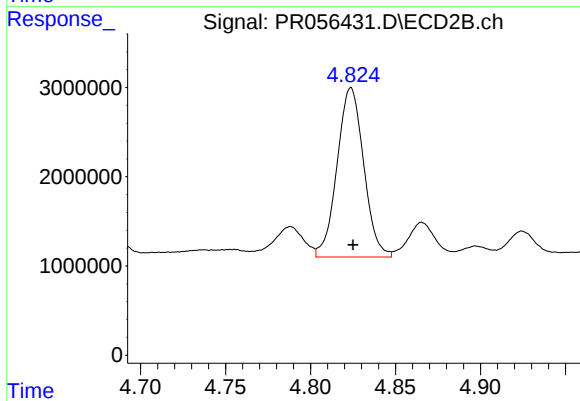
#25 AR-1248-5

R.T.: 4.866 min
Delta R.T.: -0.001 min
Response: 4362341
Conc: 71.88 ng/ml



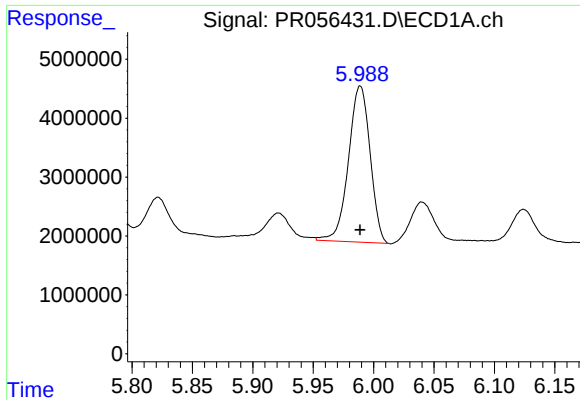
#26 AR-1254-1

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 30191136
Conc: 284.62 ng/ml



#26 AR-1254-1

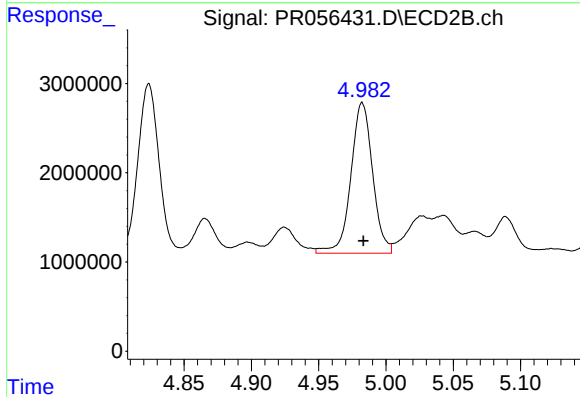
R.T.: 4.824 min
Delta R.T.: -0.001 min
Response: 20696456
Conc: 235.34 ng/ml



#27 AR-1254-2

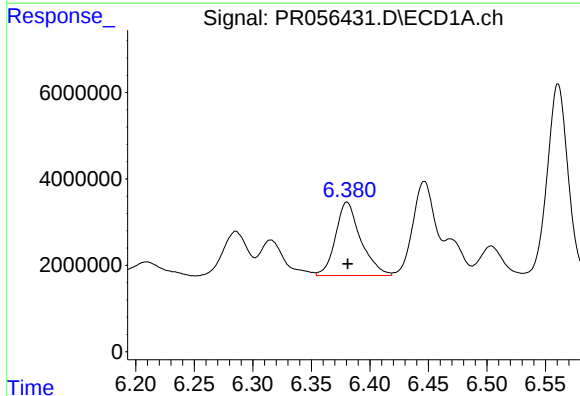
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 33057559
Conc: 211.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



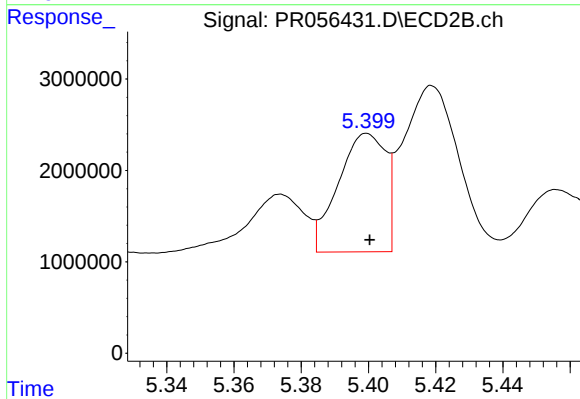
#27 AR-1254-2

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 19003754
Conc: 247.66 ng/ml



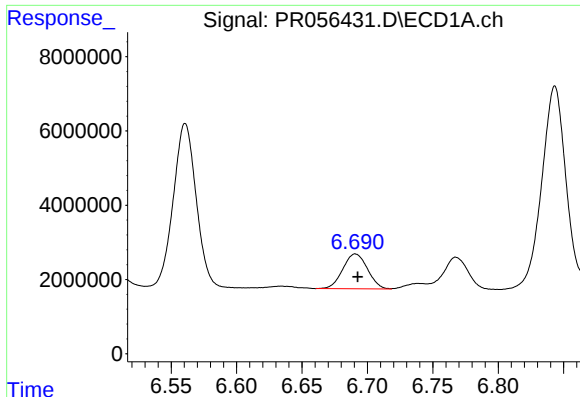
#28 AR-1254-3

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 25540290
Conc: 166.98 ng/ml



#28 AR-1254-3

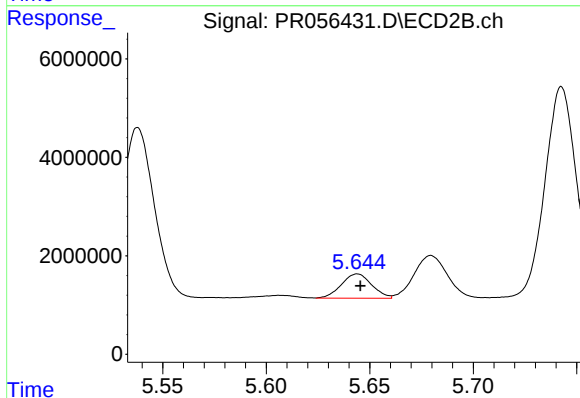
R.T.: 5.400 min
Delta R.T.: 0.000 min
Response: 12677978
Conc: 100.22 ng/ml



#29 AR-1254-4

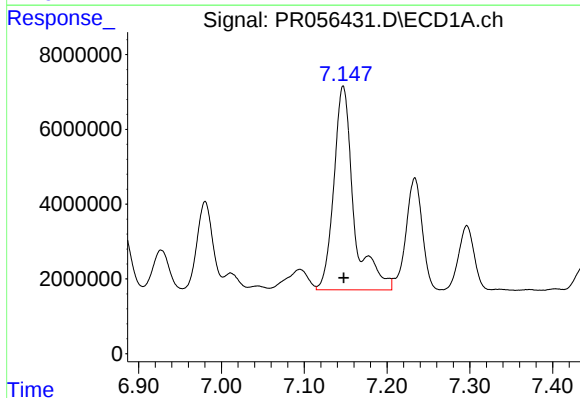
R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 12343681
Conc: 106.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



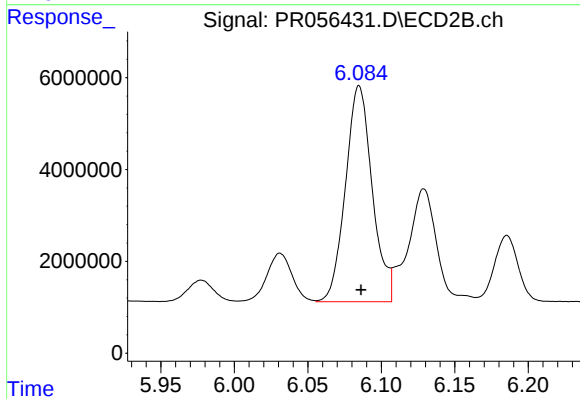
#29 AR-1254-4

R.T.: 5.644 min
Delta R.T.: -0.001 min
Response: 5044903
Conc: 63.47 ng/ml



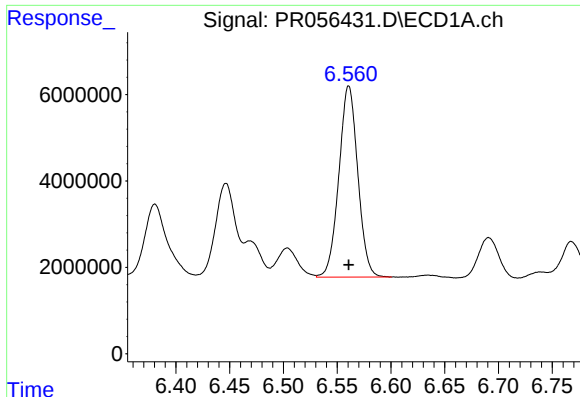
#30 AR-1254-5

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 91522585
Conc: 780.07 ng/ml



#30 AR-1254-5

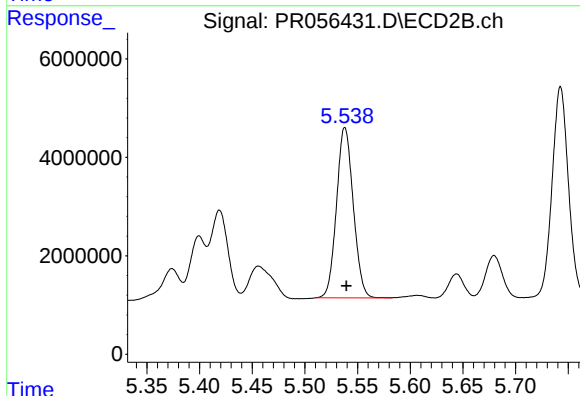
R.T.: 6.085 min
Delta R.T.: -0.001 min
Response: 59595864
Conc: 539.11 ng/ml



#31 AR-1260-1

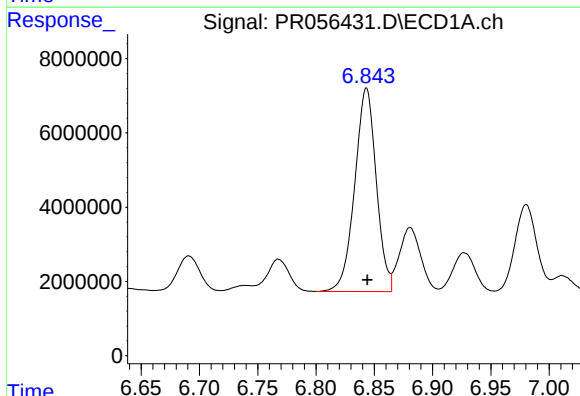
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 54136428
Conc: 487.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



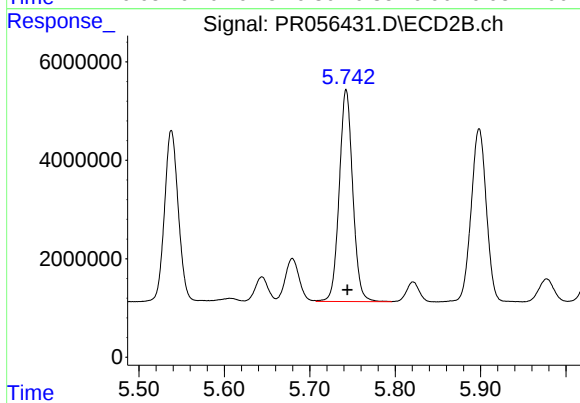
#31 AR-1260-1

R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 38383875
Conc: 467.99 ng/ml



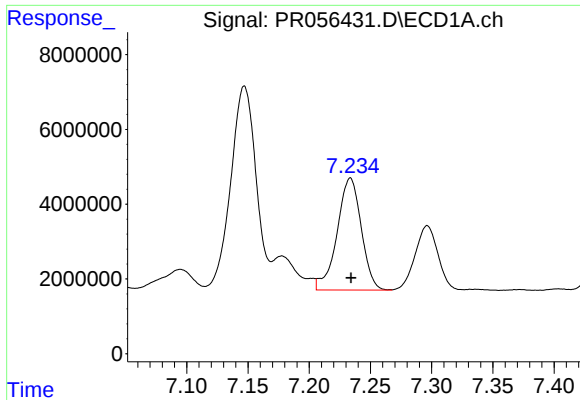
#32 AR-1260-2

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 70510074
Conc: 530.31 ng/ml



#32 AR-1260-2

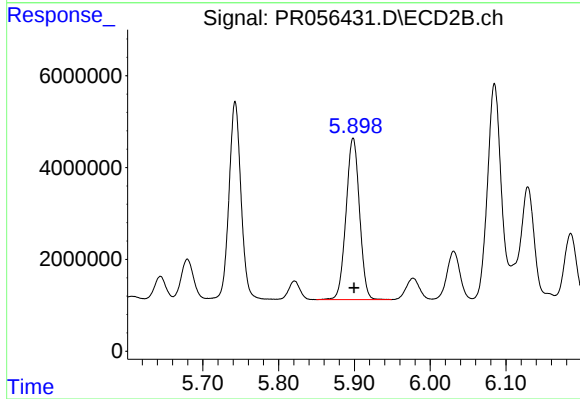
R.T.: 5.743 min
Delta R.T.: -0.001 min
Response: 47300139
Conc: 464.34 ng/ml



#33 AR-1260-3

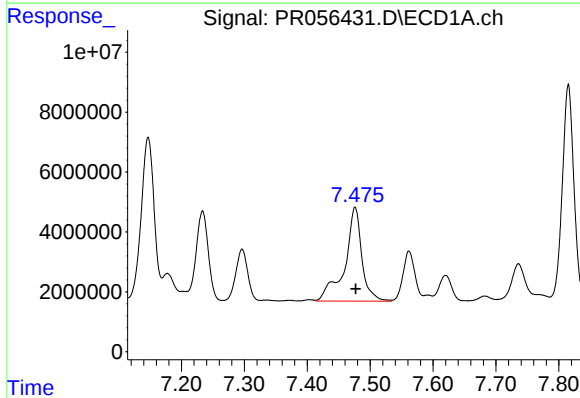
R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 41232356
Conc: 420.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



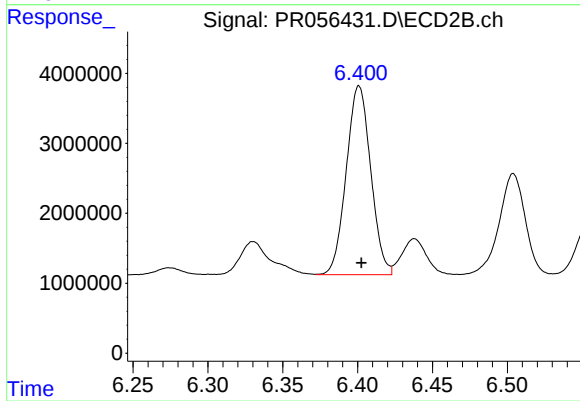
#33 AR-1260-3

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 43588055
Conc: 460.51 ng/ml



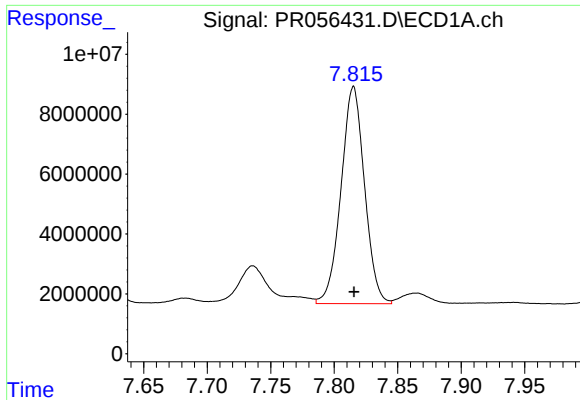
#34 AR-1260-4

R.T.: 7.476 min
Delta R.T.: -0.001 min
Response: 59159037
Conc: 546.09 ng/ml



#34 AR-1260-4

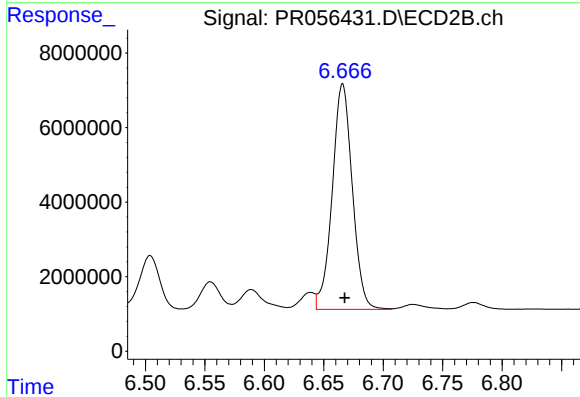
R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 30736785
Conc: 383.04 ng/ml



#35 AR-1260-5

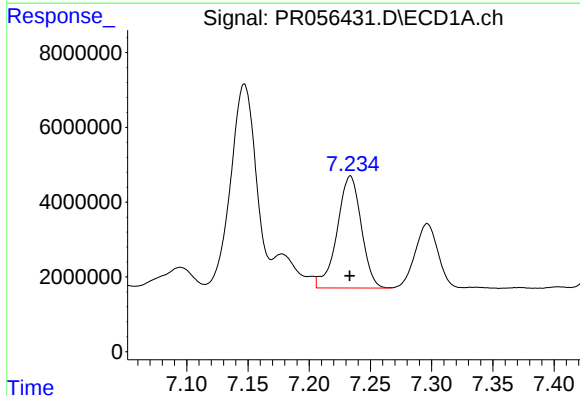
R.T.: 7.815 min
Delta R.T.: 0.000 min
Response: 93437435
Conc: 445.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



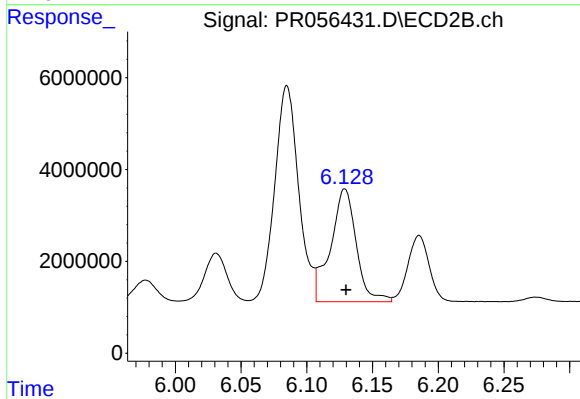
#35 AR-1260-5

R.T.: 6.666 min
Delta R.T.: -0.002 min
Response: 71131007
Conc: 372.02 ng/ml



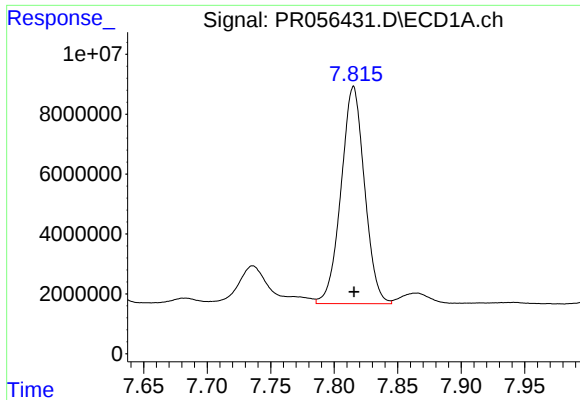
#36 AR-1262-1

R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 41232356
Conc: 309.64 ng/ml



#36 AR-1262-1

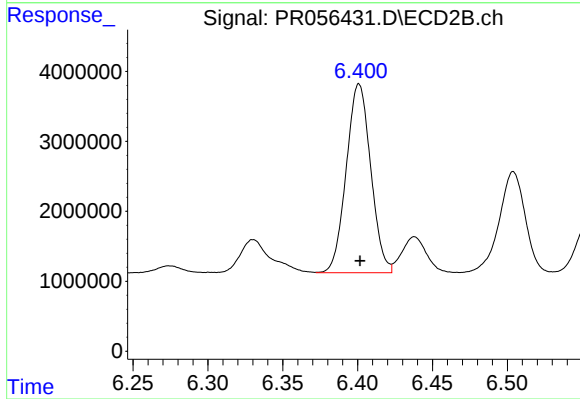
R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 33483605
Conc: 311.81 ng/ml



#37 AR-1262-2

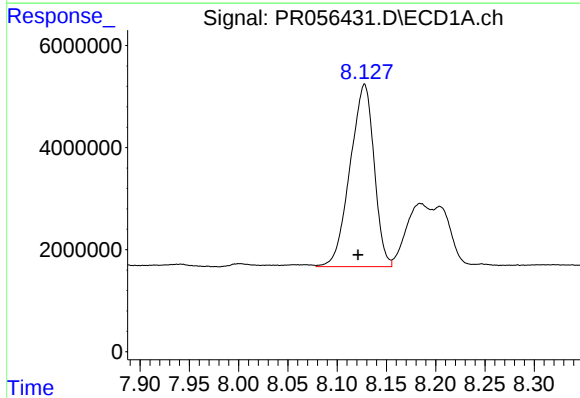
R.T.: 7.815 min
Delta R.T.: 0.000 min
Response: 93437435
Conc: 411.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



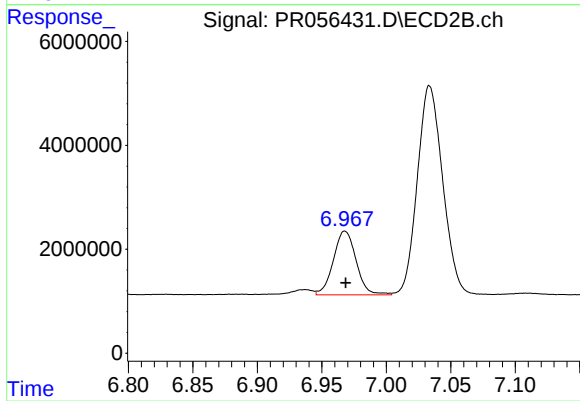
#37 AR-1262-2

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 30736785
Conc: 310.45 ng/ml



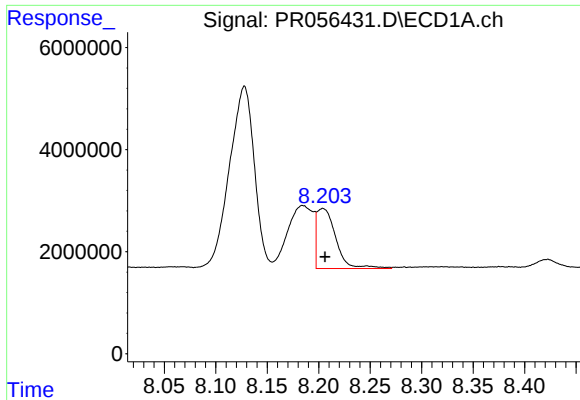
#38 AR-1262-3

R.T.: 8.128 min
Delta R.T.: 0.006 min
Response: 60596007
Conc: 387.49 ng/ml



#38 AR-1262-3

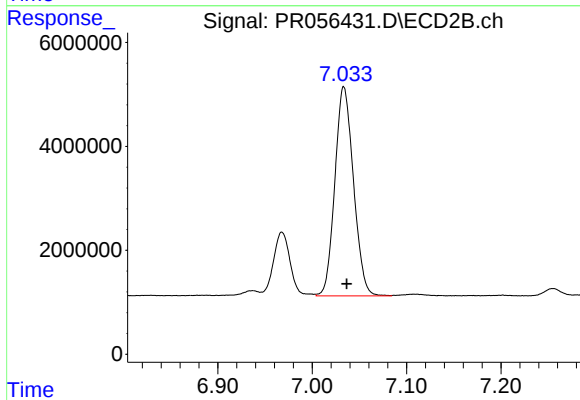
R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 15124394
Conc: 190.42 ng/ml



#39 AR-1262-4

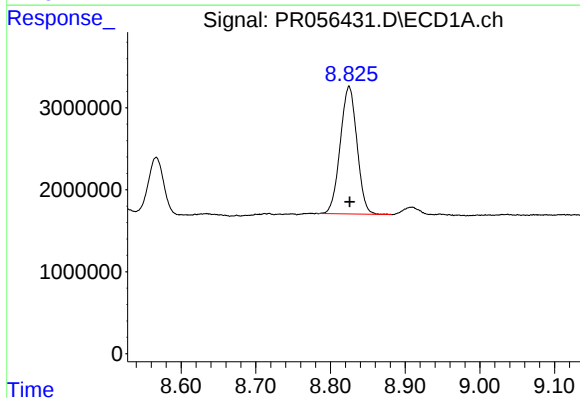
R.T.: 8.204 min
Delta R.T.: -0.002 min
Response: 15191683
Conc: 220.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



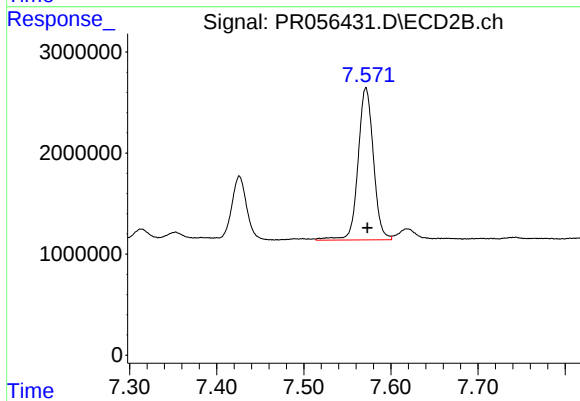
#39 AR-1262-4

R.T.: 7.034 min
Delta R.T.: -0.003 min
Response: 55210528
Conc: 358.41 ng/ml



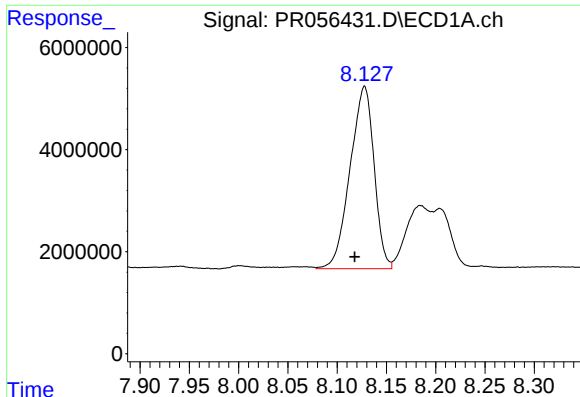
#40 AR-1262-5

R.T.: 8.825 min
Delta R.T.: -0.001 min
Response: 24153037
Conc: 283.46 ng/ml



#40 AR-1262-5

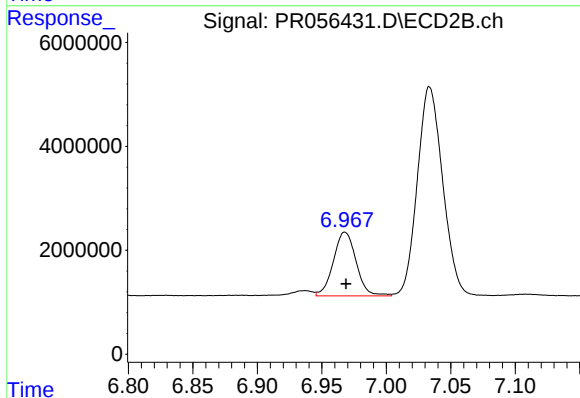
R.T.: 7.571 min
Delta R.T.: -0.002 min
Response: 18423516
Conc: 253.40 ng/ml



#41 AR-1268-1

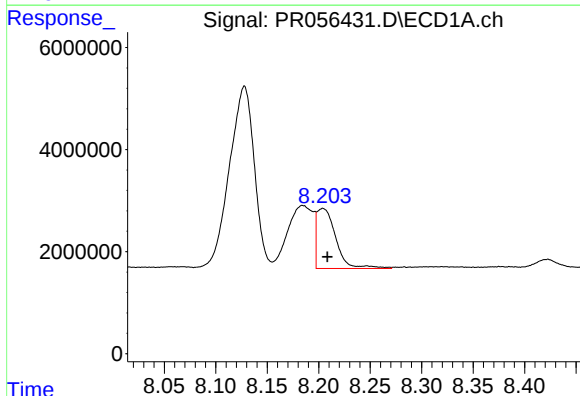
R.T.: 8.128 min
Delta R.T.: 0.010 min
Response: 60596007
Conc: 218.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



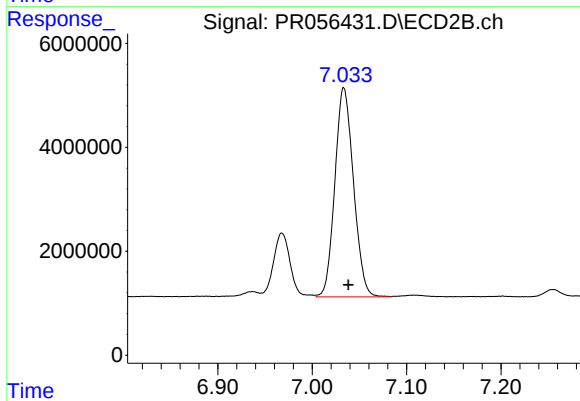
#41 AR-1268-1

R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 15124394
Conc: 64.77 ng/ml



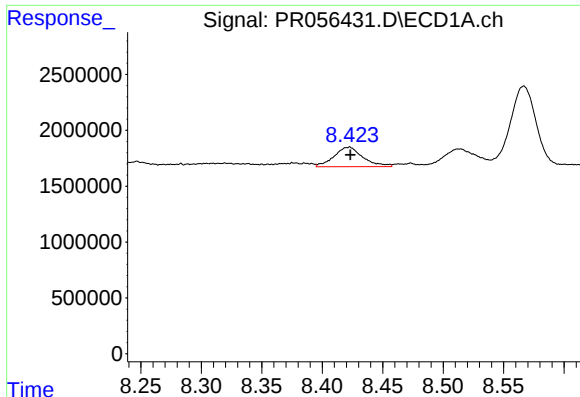
#42 AR-1268-2

R.T.: 8.204 min
Delta R.T.: -0.005 min
Response: 15191683
Conc: 58.41 ng/ml



#42 AR-1268-2

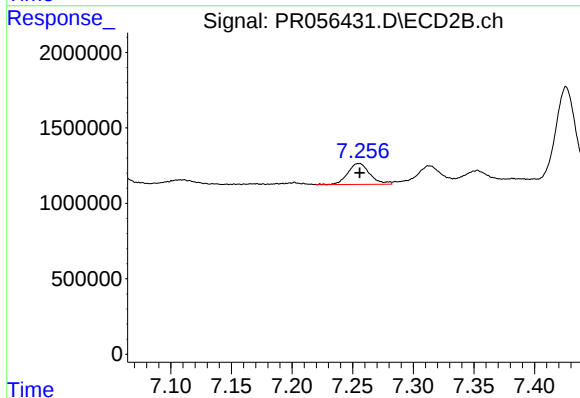
R.T.: 7.034 min
Delta R.T.: -0.005 min
Response: 55210528
Conc: 251.10 ng/ml



#43 AR-1268-3

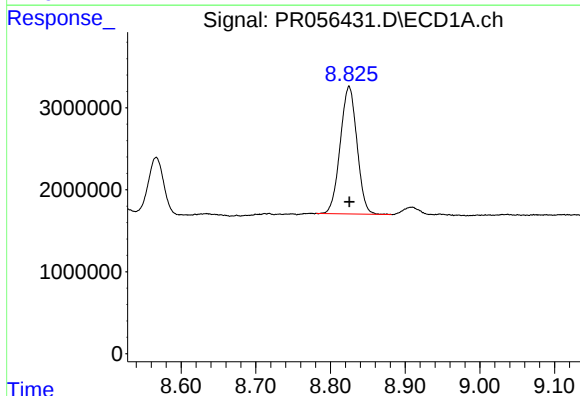
R.T.: 8.422 min
Delta R.T.: -0.002 min
Response: 2896701
Conc: 13.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



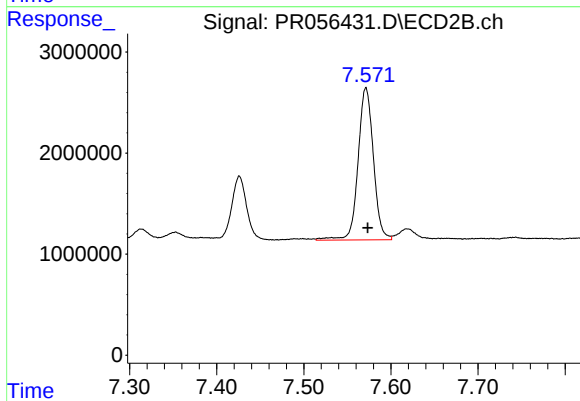
#43 AR-1268-3

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 1783189
Conc: 9.64 ng/ml



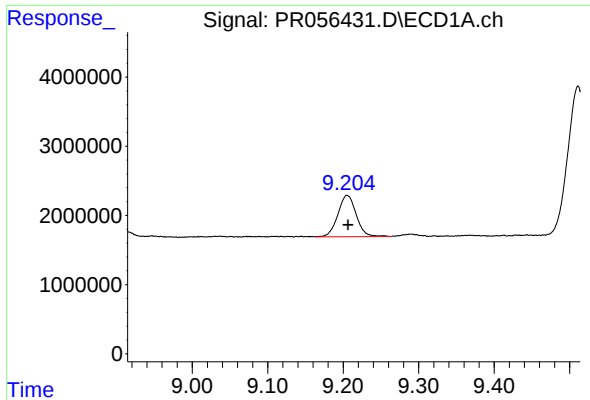
#44 AR-1268-4

R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 24153037
Conc: 248.78 ng/ml



#44 AR-1268-4

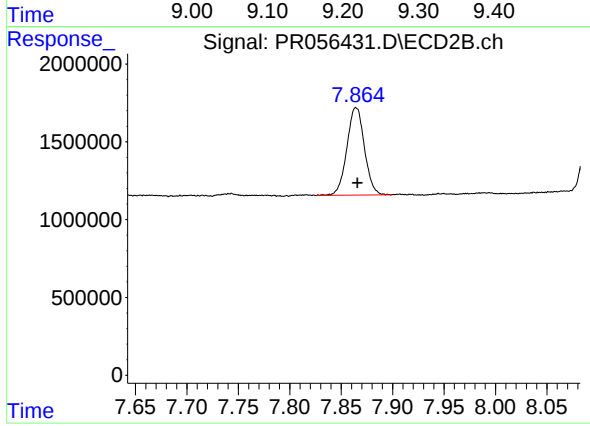
R.T.: 7.571 min
Delta R.T.: -0.002 min
Response: 18423516
Conc: 225.52 ng/ml



#45 AR-1268-5

R.T.: 9.205 min
Delta R.T.: -0.001 min
Response: 10081438
Conc: 14.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.864 min
Delta R.T.: -0.001 min
Response: 6699709
Conc: 10.98 ng/ml