

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062123\
 Data File : PR061933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 10:59
 Operator : YP\AJ
 Sample : 03319-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 21:25:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060623CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 07 04:58:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.681	3.011f	1260657	1308331	0.514	0.447
2)	SA Decachlor...	9.624	8.251	629723	2229468	0.462	0.619 #
Target Compounds							
3)	L1 AR-1016-1	4.921	4.088	28525254	40956243	393.054	408.354
4)	L1 AR-1016-2	4.944	4.106	41626808	57378631	401.602	416.686
5)	L1 AR-1016-3	5.008	4.286	25502053	30543118	387.582	394.288
6)	L1 AR-1016-4	5.111	4.336	20842435	23194791	385.525	375.177
7)	L1 AR-1016-5	5.428	4.555	20125021	31748991	372.693	390.350
8)	L2 AR-1221-1	3.912	3.189	2631836	3061684	86.746	80.218
9)	L2 AR-1221-2	4.005	3.278	3359905	3923149	157.669	142.893
10)	L2 AR-1221-3	4.084	3.354	15328061	18189962	227.503	208.845
11)	L3 AR-1232-1	4.084	3.354	15328061	18189962	274.652	249.264
12)	L3 AR-1232-2	4.636	4.106	22226372	57378631	804.075	881.574
13)	L3 AR-1232-3	4.944	4.286	41626808	30543118	865.457	840.803
14)	L3 AR-1232-4	5.111	4.378	20842435	28313784	834.235	881.344
15)	L3 AR-1232-5	5.215	4.555	16139902	31748991	839.077	869.704
16)	L4 AR-1242-1	4.921	4.088	28525254	40956243	459.244	483.541
17)	L4 AR-1242-2	4.944	4.106	41626808	57378631	480.881	493.518
18)	L4 AR-1242-3	5.008	4.286	25502053	30543118	446.108	464.694
19)	L4 AR-1242-4	5.111	4.378	20842435	28313784	452.458	443.169
20)	L4 AR-1242-5	5.901	4.927	2477425	25512532	56.654	309.320 #
21)	L5 AR-1248-1	4.921	4.088	28525254	40956243	619.823	626.821
22)	L5 AR-1248-2	5.215	4.336	16139902	23194791	240.944	250.816
23)	L5 AR-1248-3	5.428	4.378	20125021	28313784	265.241	298.348
24)	L5 AR-1248-4	5.861	4.555	2997540	31748991	38.736	278.170 #
25)	L5 AR-1248-5	5.901	4.969	2477425	3869437	33.291	33.924
26)	L6 AR-1254-1	5.832	4.927	14924624	25512532	174.798	145.877
27)	L6 AR-1254-2	6.070	5.086	16200372	24899035	129.243	163.290 #
28)	L6 AR-1254-3	6.463	5.530	8302611	47348265	67.275	186.708 #
29)	L6 AR-1254-4	6.773	5.758	4911149	7301149	56.350	44.341
30)	L6 AR-1254-5	7.230	6.205	48621707	109.5E6	527.128	441.879
31)	L7 AR-1260-1	6.644	5.652	36036940	70908635	383.914	414.765
32)	L7 AR-1260-2	6.926	5.857	42368601	90579588	404.518	434.850
33)	L7 AR-1260-3	7.318	6.017	25197534	89279117	330.058	436.602 #
34)	L7 AR-1260-4	7.561	6.526	30492428	72925145	357.109	413.285
35)	L7 AR-1260-5	7.897	6.791	60192661	178.0E6	396.310	428.532
36)	L8 AR-1262-1	7.318	6.249	25197534	80925979	227.040	325.150 #
37)	L8 AR-1262-2	7.897	6.791	60192661	178.0E6	343.436	380.459
38)	L8 AR-1262-3	8.214	7.098	37721671	29571940	320.649	157.430 #
39)	L8 AR-1262-4	8.294	7.164	13900930	120.2E6	240.647	338.094 #
40)	L8 AR-1262-5	8.923	7.705	13561757	38008441	223.022	215.512
41)	L9 AR-1268-1	8.214	7.098	37721671	29571940	224.689	67.567 #

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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Time: Jun 21 21:25:10 2023
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 Quant Title : GC EXTRACTABLES
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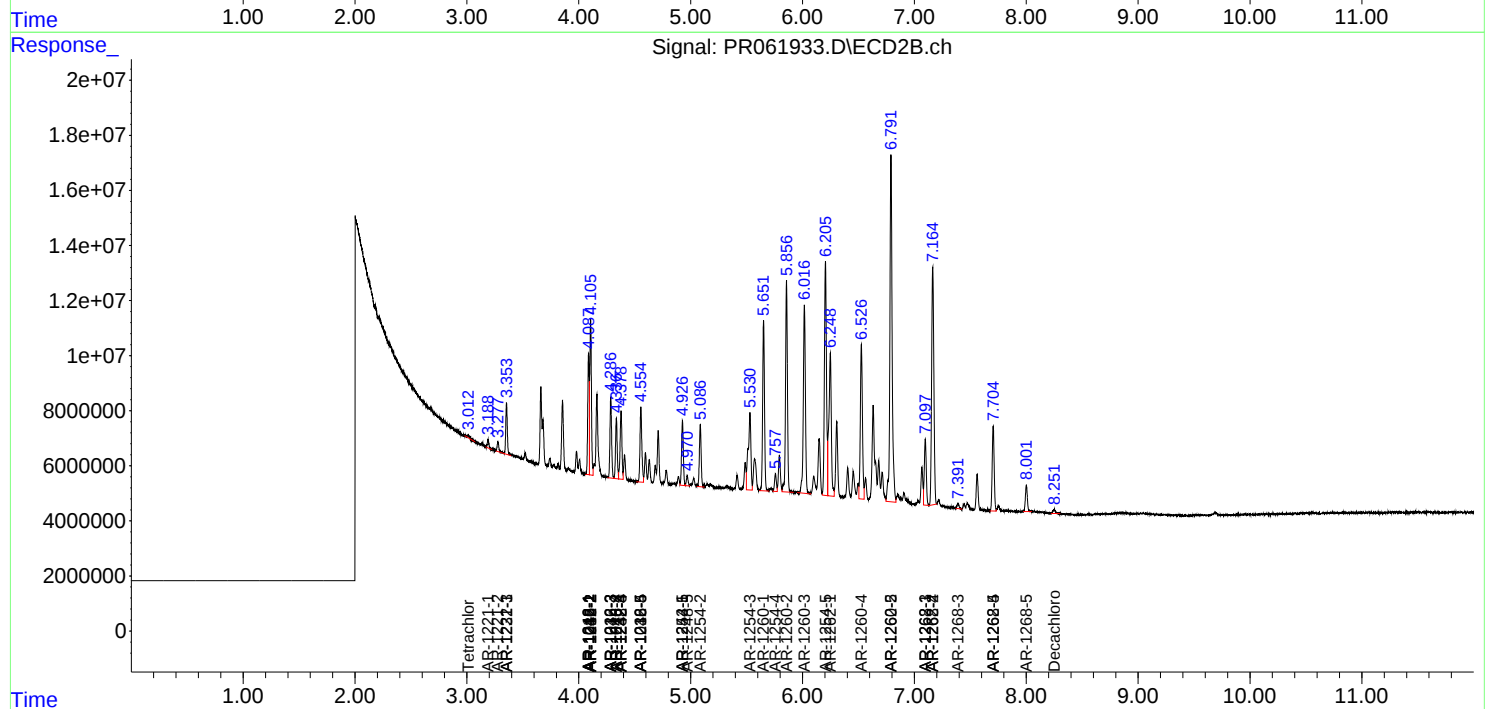
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

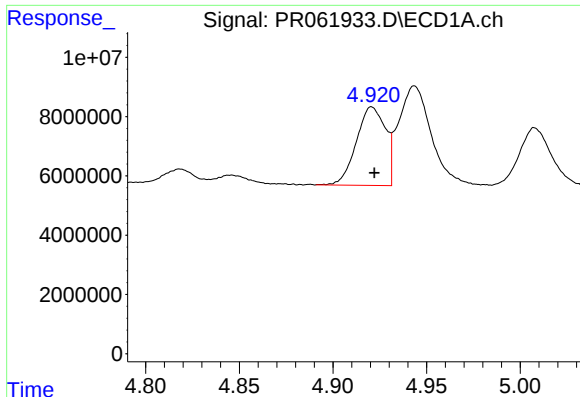
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.294	7.164	13900930	120.2E6	88.915	297.782 #
43) L9	AR-1268-3	8.518	7.390	1892406	2292042	14.451	6.538 #
44) L9	AR-1268-4	8.923	7.705	13561757	38008441	248.919	241.867
45) L9	AR-1268-5	9.312	8.001	4775559	12018416	12.101	10.591

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

Instrument :
ECD_R
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

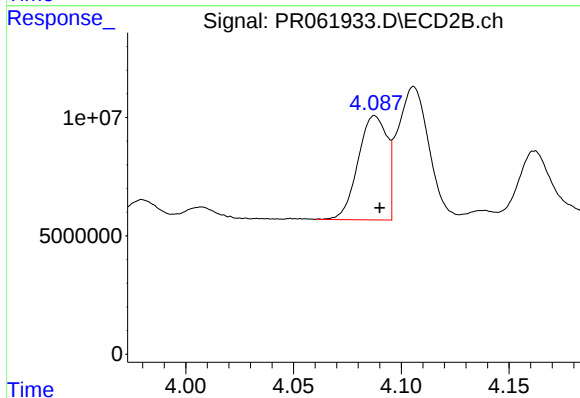




#3 AR-1016-1

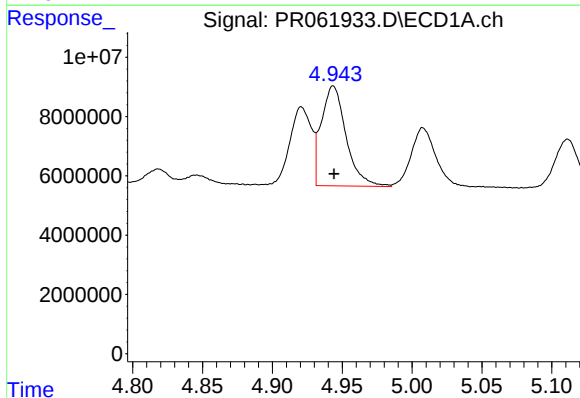
R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 28525254
Conc: 393.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



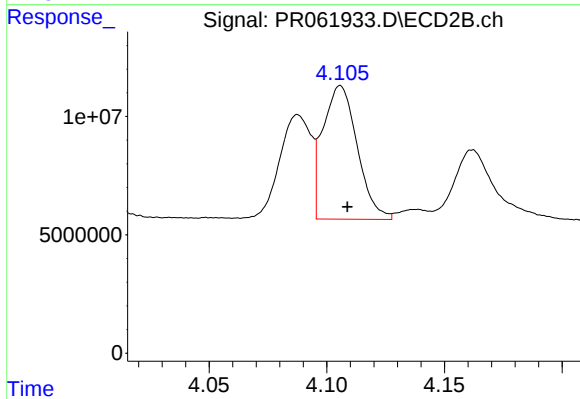
#3 AR-1016-1

R.T.: 4.088 min
Delta R.T.: -0.002 min
Response: 40956243
Conc: 408.35 ng/ml



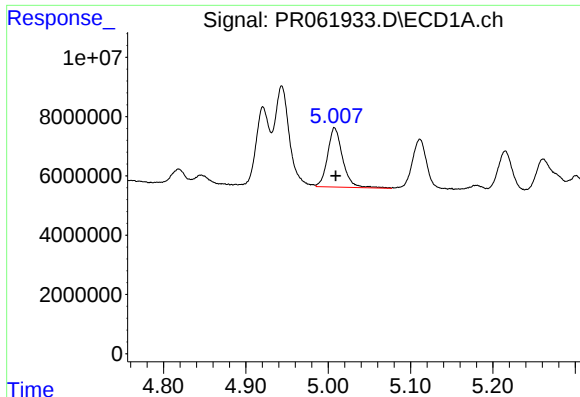
#4 AR-1016-2

R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 41626808
Conc: 401.60 ng/ml



#4 AR-1016-2

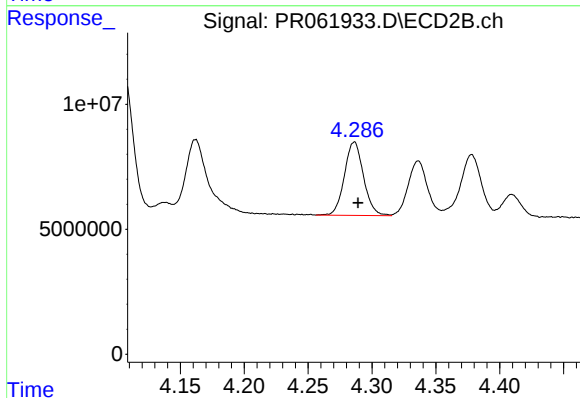
R.T.: 4.106 min
Delta R.T.: -0.003 min
Response: 57378631
Conc: 416.69 ng/ml



#5 AR-1016-3

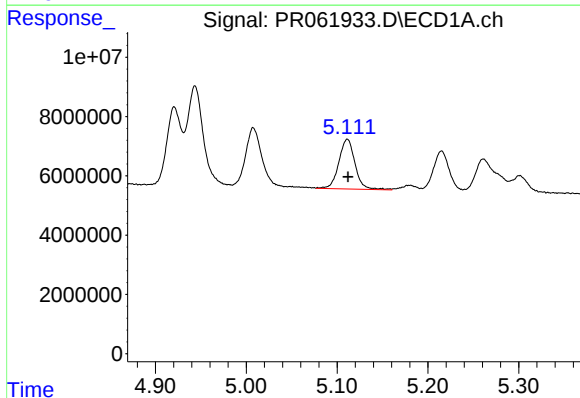
R.T.: 5.008 min
Delta R.T.: -0.001 min
Response: 25502053
Conc: 387.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



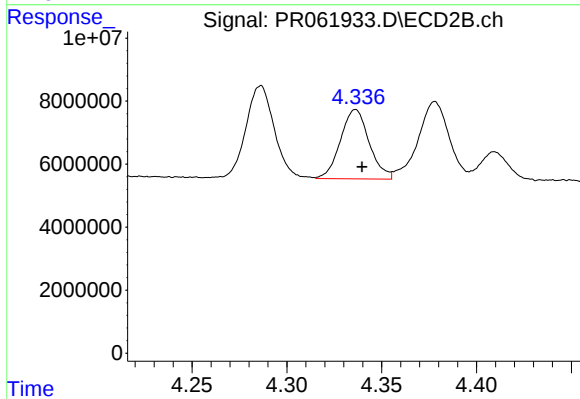
#5 AR-1016-3

R.T.: 4.286 min
Delta R.T.: -0.003 min
Response: 30543118
Conc: 394.29 ng/ml



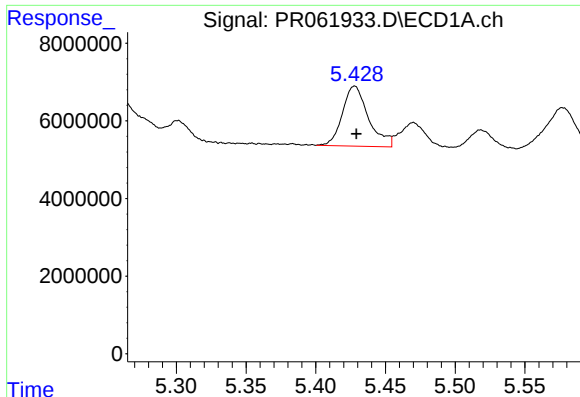
#6 AR-1016-4

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 20842435
Conc: 385.52 ng/ml



#6 AR-1016-4

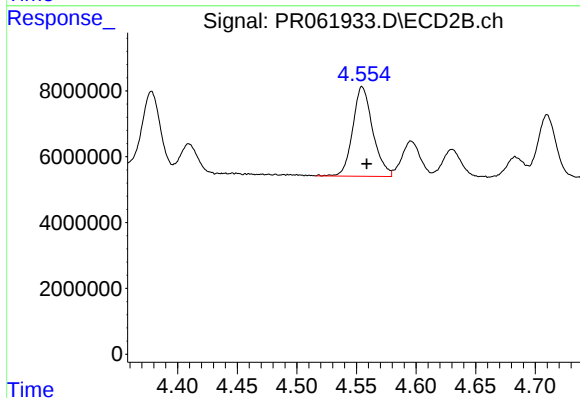
R.T.: 4.336 min
Delta R.T.: -0.003 min
Response: 23194791
Conc: 375.18 ng/ml



#7 AR-1016-5

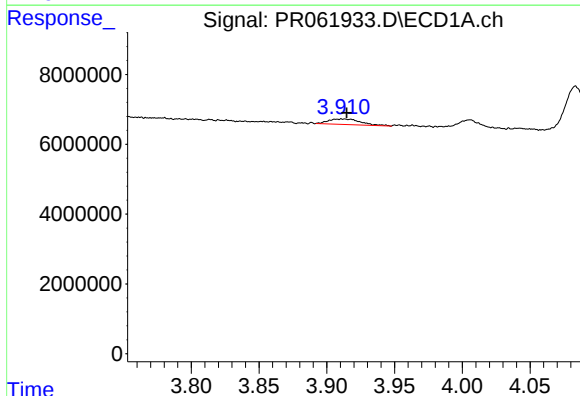
R.T.: 5.428 min
Delta R.T.: -0.001 min
Response: 20125021
Conc: 372.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



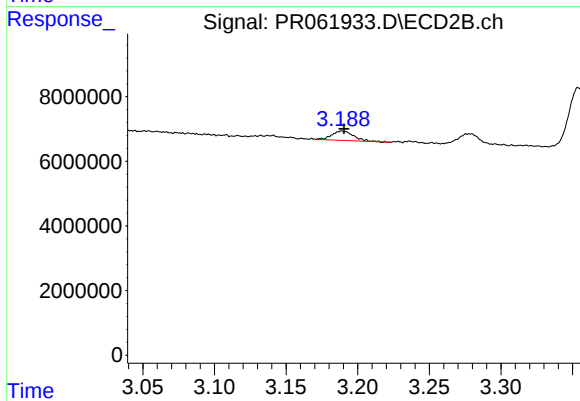
#7 AR-1016-5

R.T.: 4.555 min
Delta R.T.: -0.004 min
Response: 31748991
Conc: 390.35 ng/ml



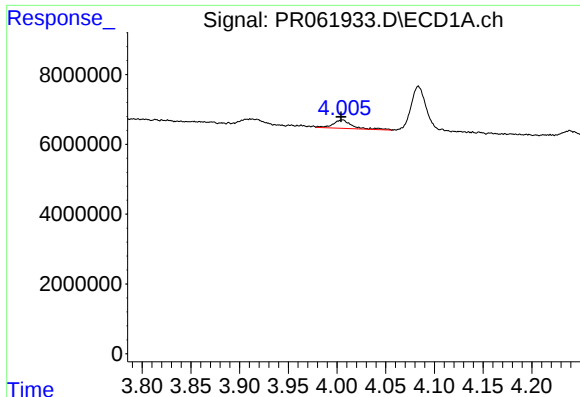
#8 AR-1221-1

R.T.: 3.912 min
Delta R.T.: -0.003 min
Response: 2631836
Conc: 86.75 ng/ml



#8 AR-1221-1

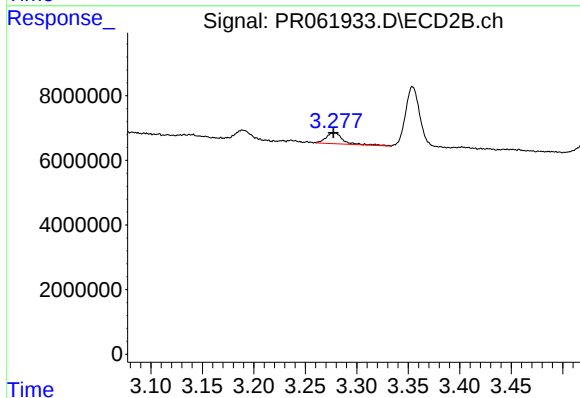
R.T.: 3.189 min
Delta R.T.: -0.001 min
Response: 3061684
Conc: 80.22 ng/ml



#9 AR-1221-2

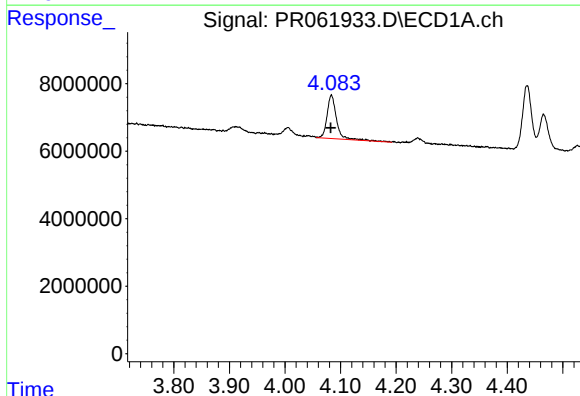
R.T.: 4.005 min
Delta R.T.: 0.001 min
Response: 3359905
Conc: 157.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



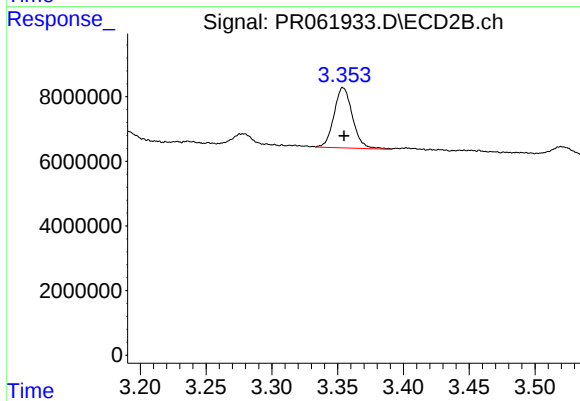
#9 AR-1221-2

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 3923149
Conc: 142.89 ng/ml



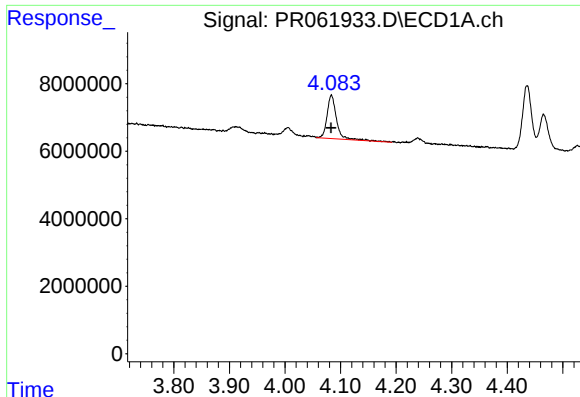
#10 AR-1221-3

R.T.: 4.084 min
Delta R.T.: 0.001 min
Response: 15328061
Conc: 227.50 ng/ml



#10 AR-1221-3

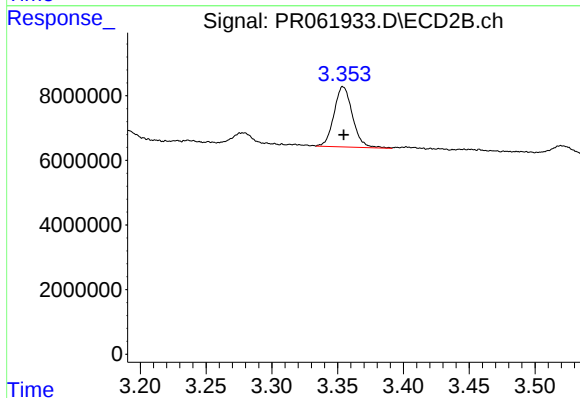
R.T.: 3.354 min
Delta R.T.: 0.000 min
Response: 18189962
Conc: 208.85 ng/ml



#11 AR-1232-1

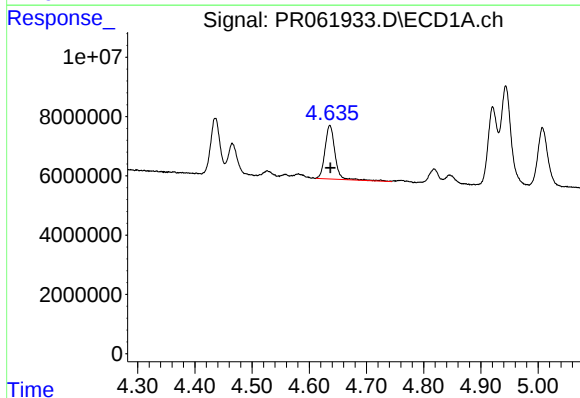
R.T.: 4.084 min
Delta R.T.: 0.000 min
Response: 15328061
Conc: 274.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



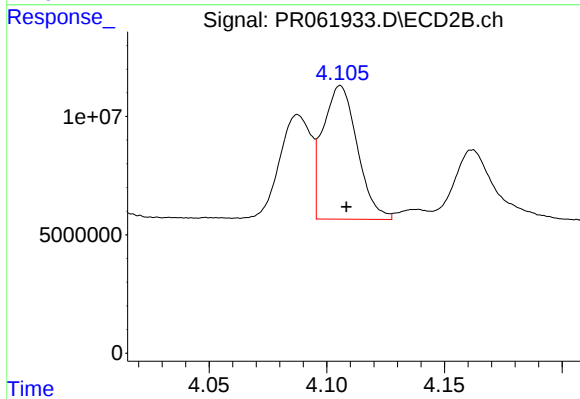
#11 AR-1232-1

R.T.: 3.354 min
Delta R.T.: 0.000 min
Response: 18189962
Conc: 249.26 ng/ml



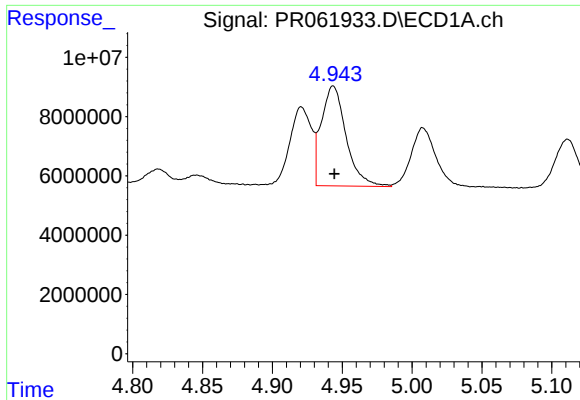
#12 AR-1232-2

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 22226372
Conc: 804.07 ng/ml



#12 AR-1232-2

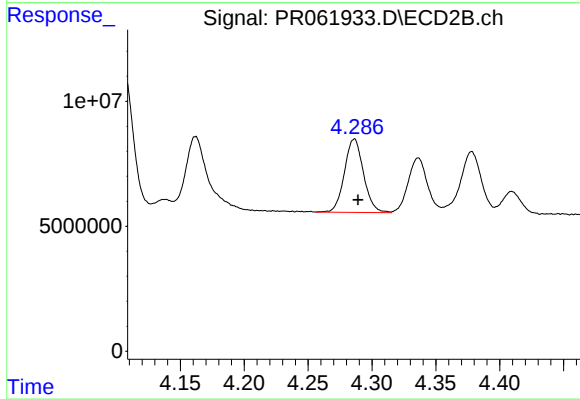
R.T.: 4.106 min
Delta R.T.: -0.003 min
Response: 57378631
Conc: 881.57 ng/ml



#13 AR-1232-3

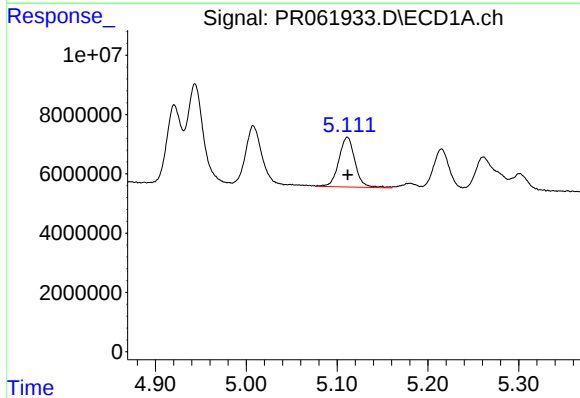
R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 41626808
Conc: 865.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



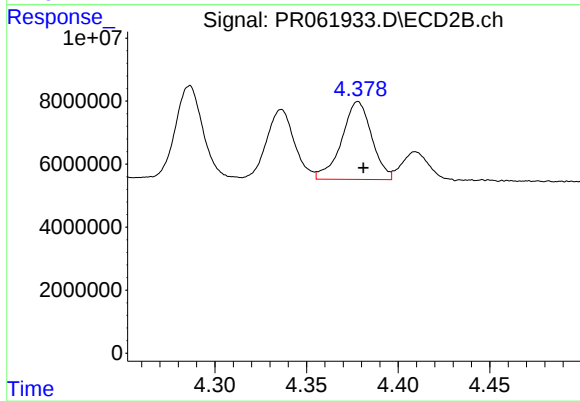
#13 AR-1232-3

R.T.: 4.286 min
Delta R.T.: -0.003 min
Response: 30543118
Conc: 840.80 ng/ml



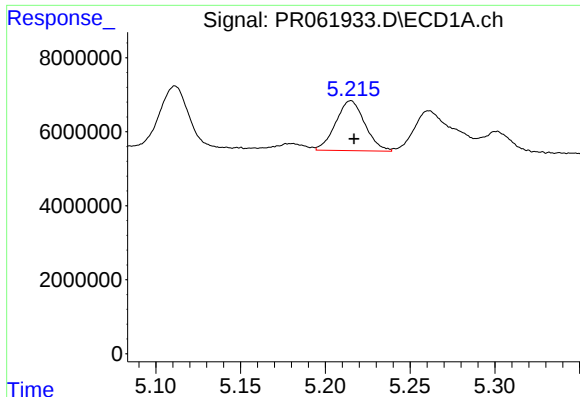
#14 AR-1232-4

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 20842435
Conc: 834.24 ng/ml



#14 AR-1232-4

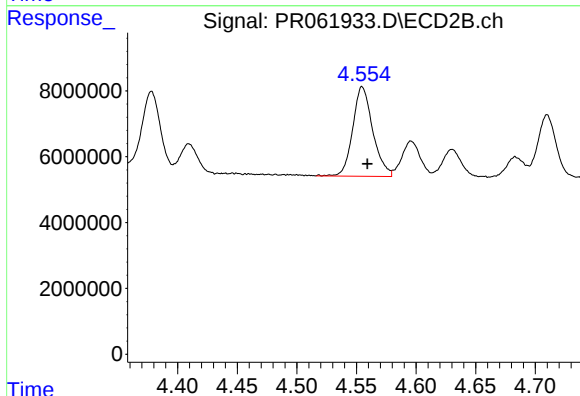
R.T.: 4.378 min
Delta R.T.: -0.003 min
Response: 28313784
Conc: 881.34 ng/ml



#15 AR-1232-5

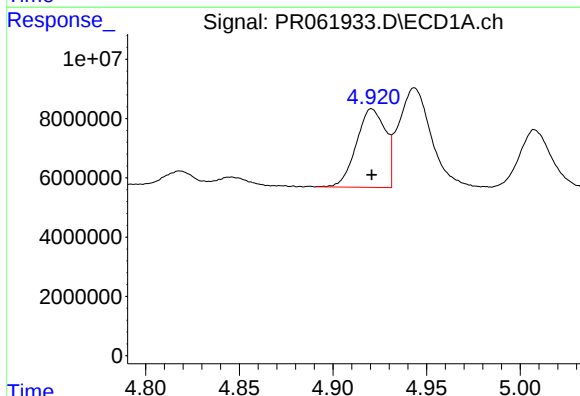
R.T.: 5.215 min
Delta R.T.: -0.002 min
Response: 16139902
Conc: 839.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



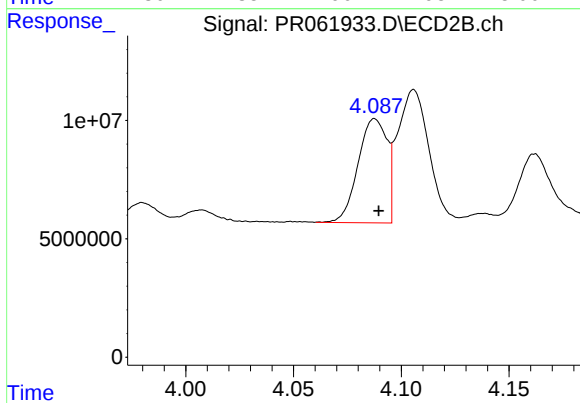
#15 AR-1232-5

R.T.: 4.555 min
Delta R.T.: -0.004 min
Response: 31748991
Conc: 869.70 ng/ml



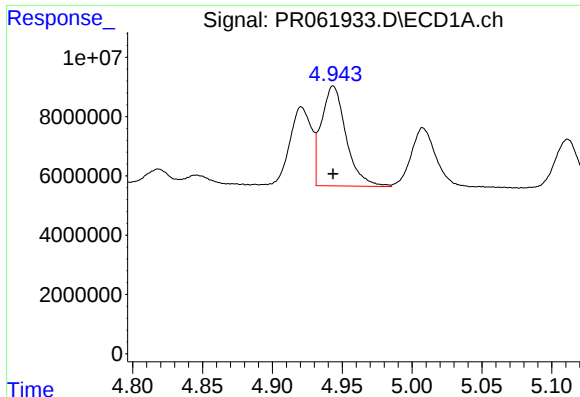
#16 AR-1242-1

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 28525254
Conc: 459.24 ng/ml



#16 AR-1242-1

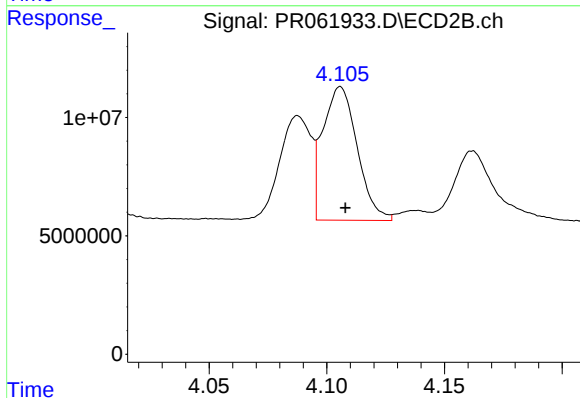
R.T.: 4.088 min
Delta R.T.: -0.002 min
Response: 40956243
Conc: 483.54 ng/ml



#17 AR-1242-2

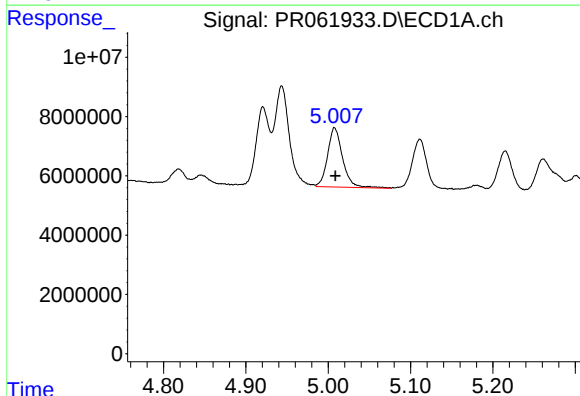
R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 41626808
Conc: 480.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



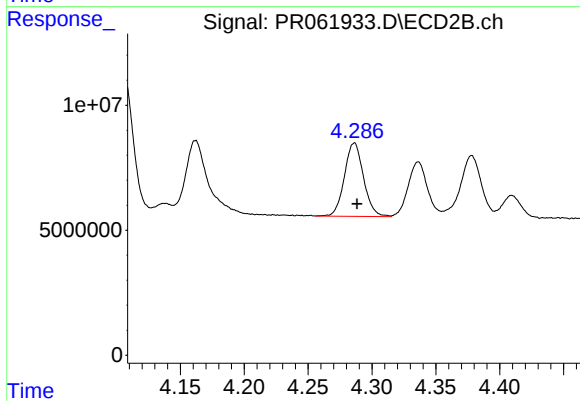
#17 AR-1242-2

R.T.: 4.106 min
Delta R.T.: -0.002 min
Response: 57378631
Conc: 493.52 ng/ml



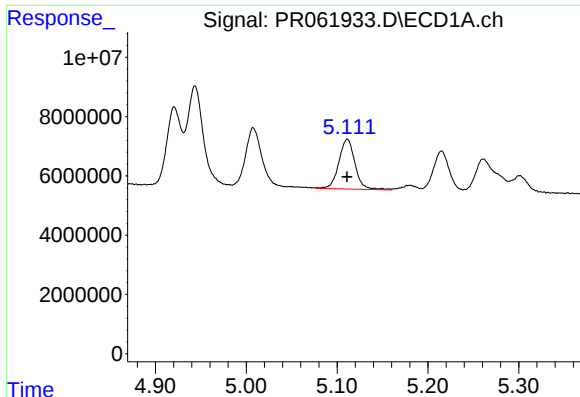
#18 AR-1242-3

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 25502053
Conc: 446.11 ng/ml



#18 AR-1242-3

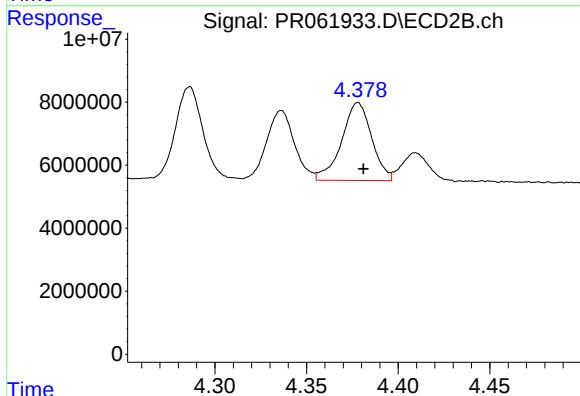
R.T.: 4.286 min
Delta R.T.: -0.002 min
Response: 30543118
Conc: 464.69 ng/ml



#19 AR-1242-4

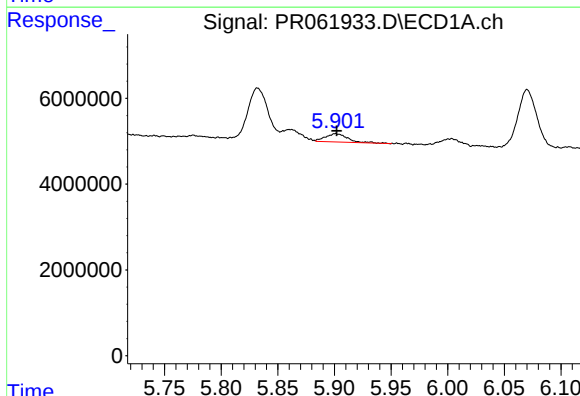
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 20842435
Conc: 452.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



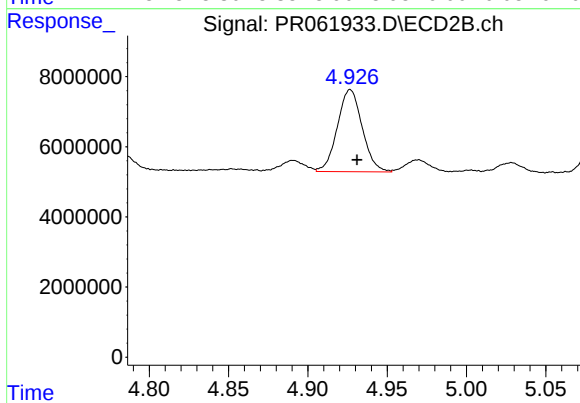
#19 AR-1242-4

R.T.: 4.378 min
Delta R.T.: -0.003 min
Response: 28313784
Conc: 443.17 ng/ml



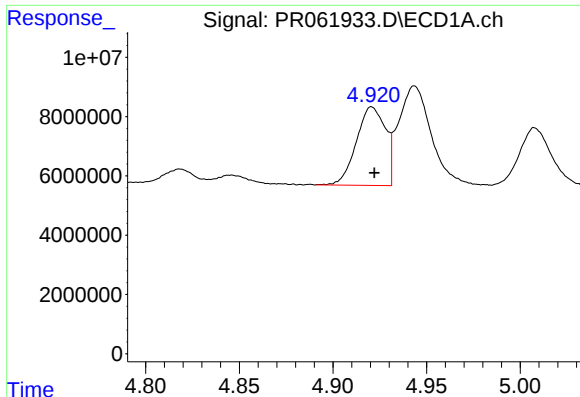
#20 AR-1242-5

R.T.: 5.901 min
Delta R.T.: -0.001 min
Response: 2477425
Conc: 56.65 ng/ml



#20 AR-1242-5

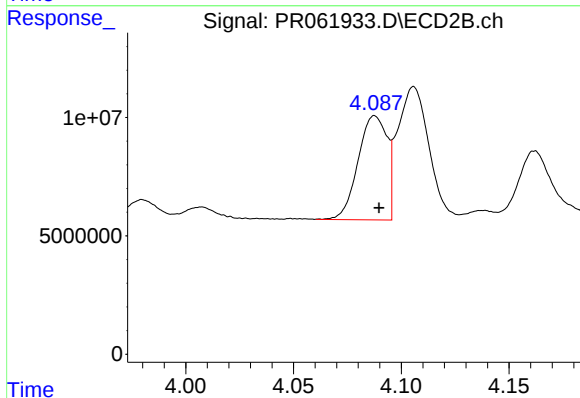
R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 25512532
Conc: 309.32 ng/ml



#21 AR-1248-1

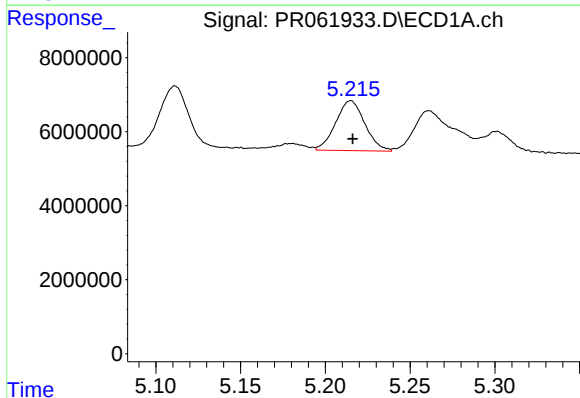
R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 28525254
Conc: 619.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



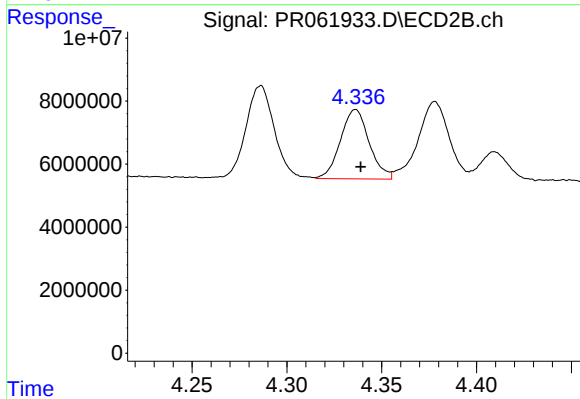
#21 AR-1248-1

R.T.: 4.088 min
Delta R.T.: -0.002 min
Response: 40956243
Conc: 626.82 ng/ml



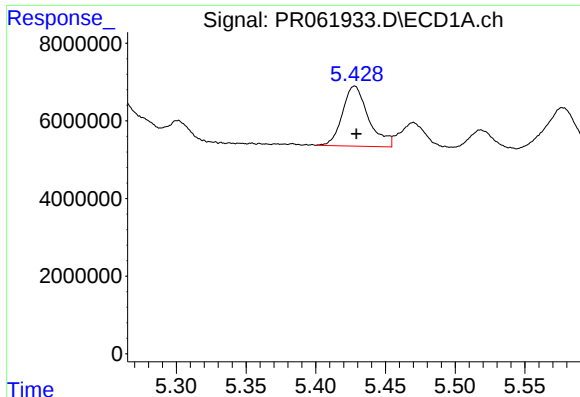
#22 AR-1248-2

R.T.: 5.215 min
Delta R.T.: -0.001 min
Response: 16139902
Conc: 240.94 ng/ml



#22 AR-1248-2

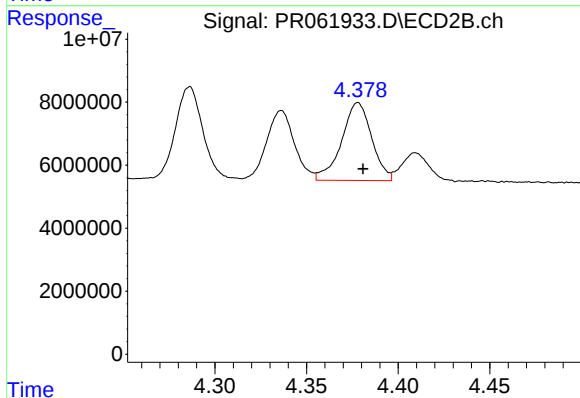
R.T.: 4.336 min
Delta R.T.: -0.003 min
Response: 23194791
Conc: 250.82 ng/ml



#23 AR-1248-3

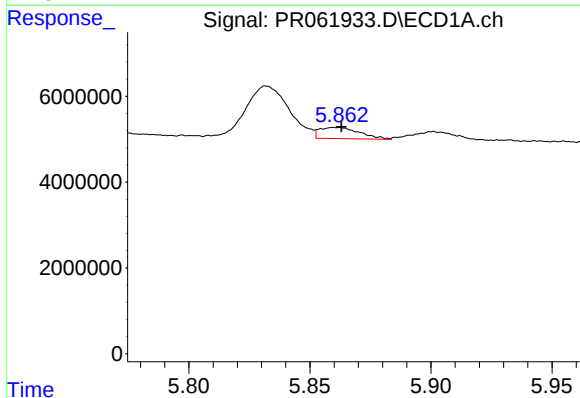
R.T.: 5.428 min
Delta R.T.: -0.001 min
Response: 20125021
Conc: 265.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



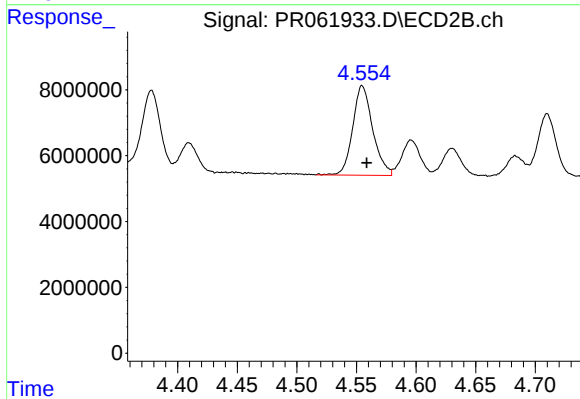
#23 AR-1248-3

R.T.: 4.378 min
Delta R.T.: -0.003 min
Response: 28313784
Conc: 298.35 ng/ml



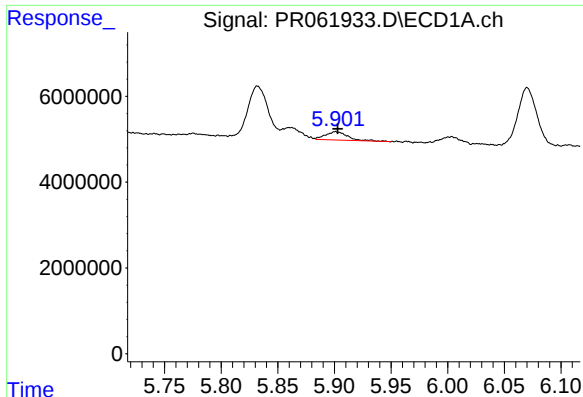
#24 AR-1248-4

R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 2997540
Conc: 38.74 ng/ml



#24 AR-1248-4

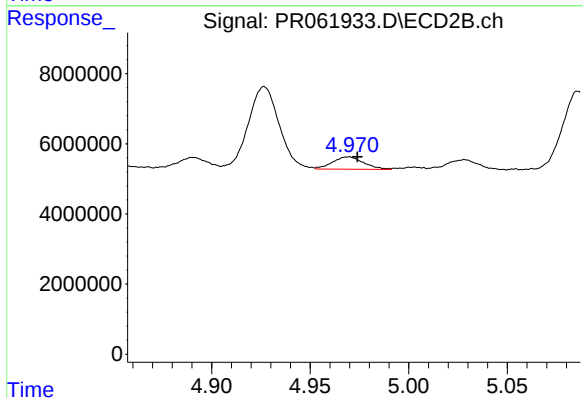
R.T.: 4.555 min
Delta R.T.: -0.004 min
Response: 31748991
Conc: 278.17 ng/ml



#25 AR-1248-5

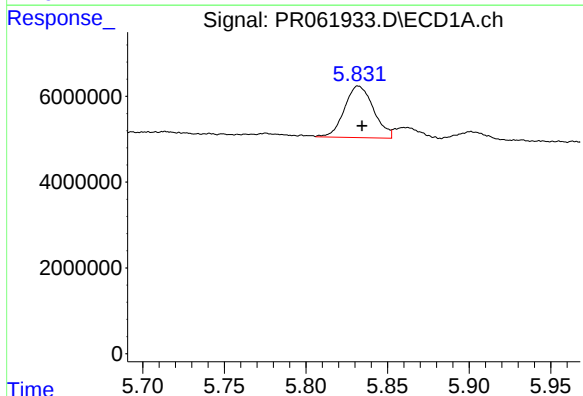
R.T.: 5.901 min
Delta R.T.: -0.002 min
Response: 2477425
Conc: 33.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



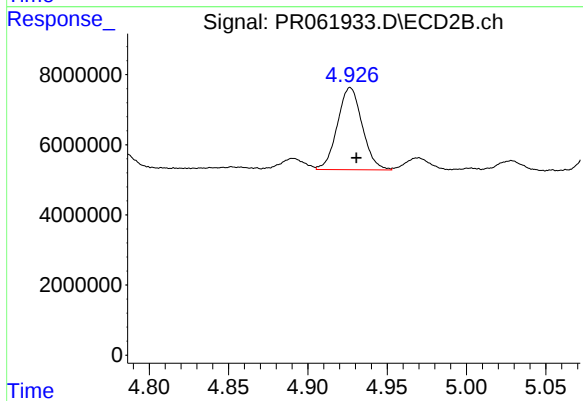
#25 AR-1248-5

R.T.: 4.969 min
Delta R.T.: -0.004 min
Response: 3869437
Conc: 33.92 ng/ml



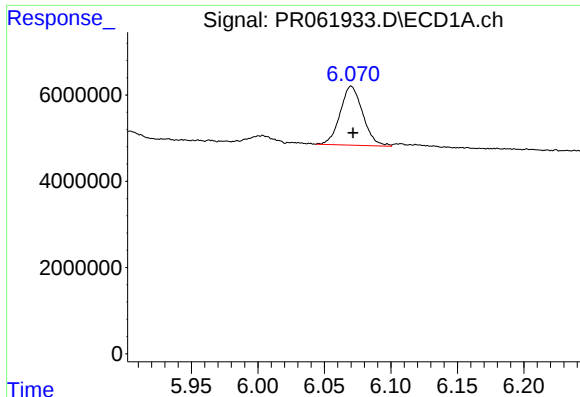
#26 AR-1254-1

R.T.: 5.832 min
Delta R.T.: -0.002 min
Response: 14924624
Conc: 174.80 ng/ml



#26 AR-1254-1

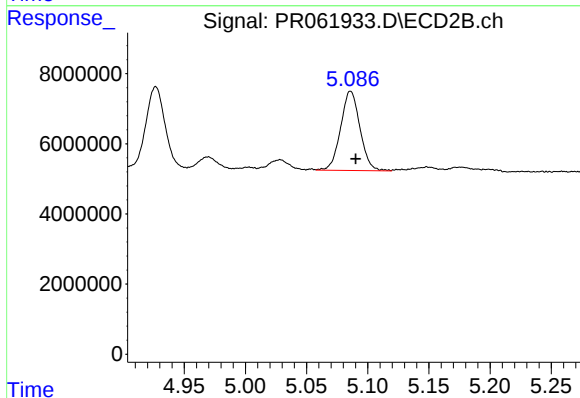
R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 25512532
Conc: 145.88 ng/ml



#27 AR-1254-2

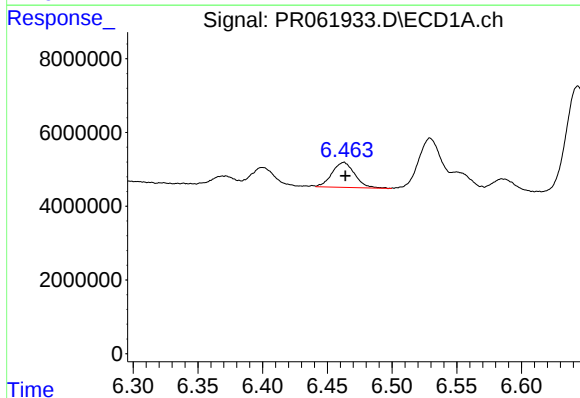
R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 16200372
Conc: 129.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



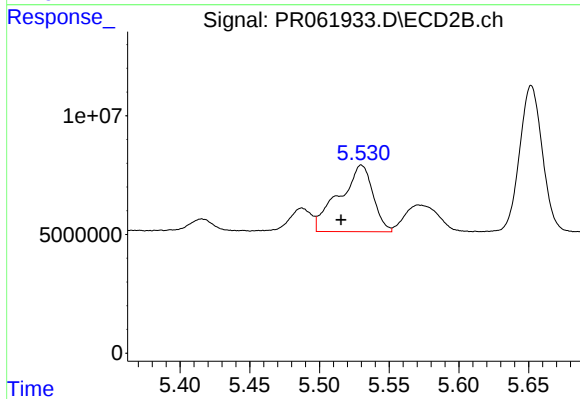
#27 AR-1254-2

R.T.: 5.086 min
Delta R.T.: -0.004 min
Response: 24899035
Conc: 163.29 ng/ml



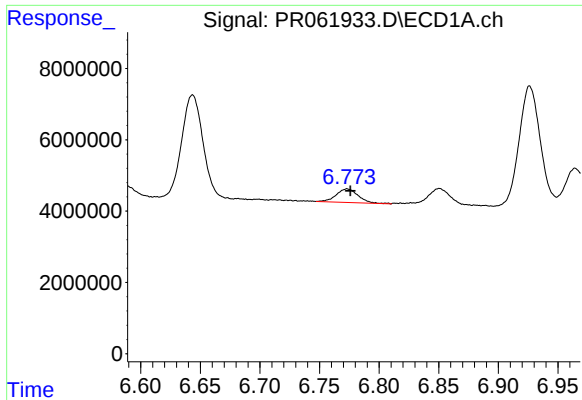
#28 AR-1254-3

R.T.: 6.463 min
Delta R.T.: -0.001 min
Response: 8302611
Conc: 67.27 ng/ml



#28 AR-1254-3

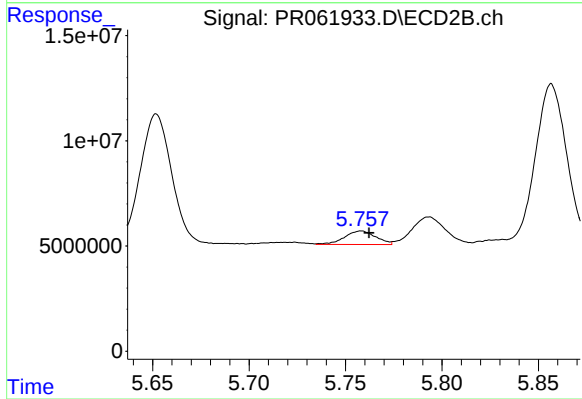
R.T.: 5.530 min
Delta R.T.: 0.015 min
Response: 47348265
Conc: 186.71 ng/ml



#29 AR-1254-4

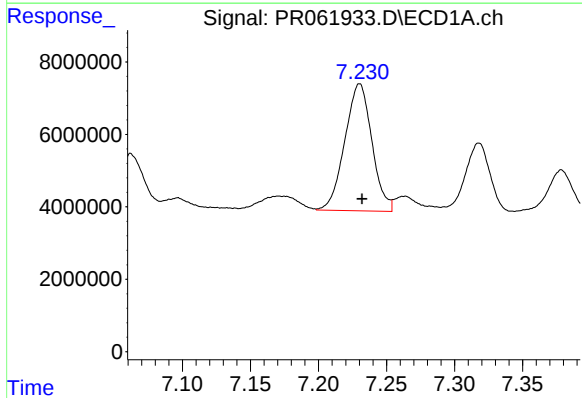
R.T.: 6.773 min
Delta R.T.: -0.003 min
Response: 4911149
Conc: 56.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



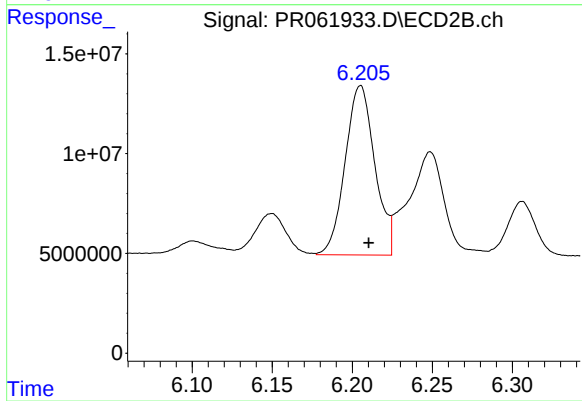
#29 AR-1254-4

R.T.: 5.758 min
Delta R.T.: -0.004 min
Response: 7301149
Conc: 44.34 ng/ml



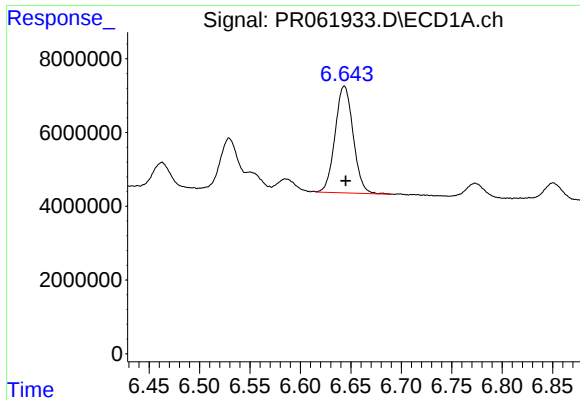
#30 AR-1254-5

R.T.: 7.230 min
Delta R.T.: -0.002 min
Response: 48621707
Conc: 527.13 ng/ml



#30 AR-1254-5

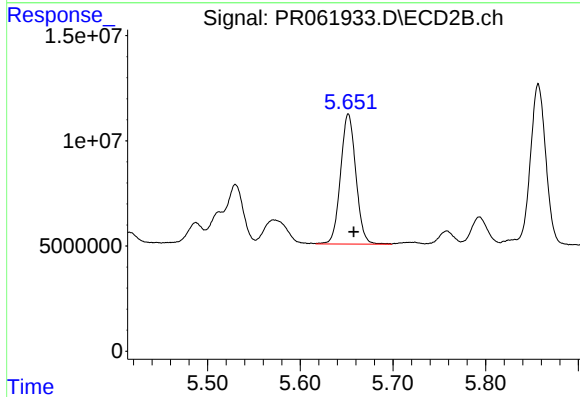
R.T.: 6.205 min
Delta R.T.: -0.005 min
Response: 109495937
Conc: 441.88 ng/ml



#31 AR-1260-1

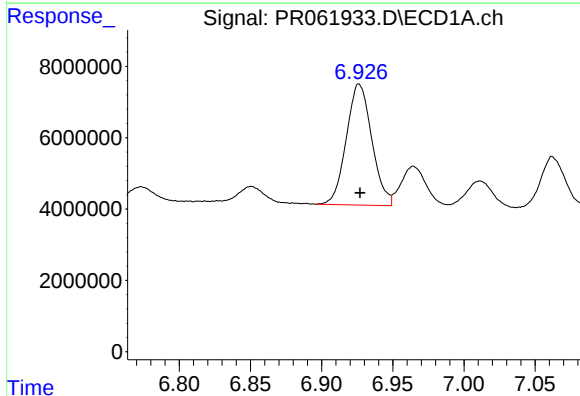
R.T.: 6.644 min
Delta R.T.: -0.001 min
Response: 36036940
Conc: 383.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



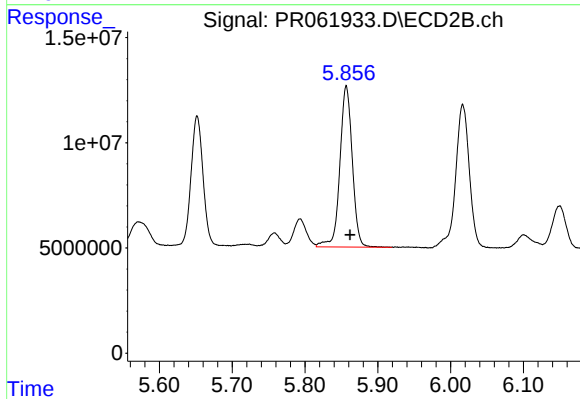
#31 AR-1260-1

R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 70908635
Conc: 414.77 ng/ml



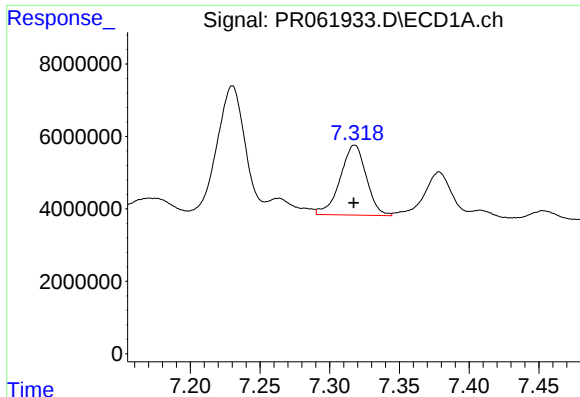
#32 AR-1260-2

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 42368601
Conc: 404.52 ng/ml



#32 AR-1260-2

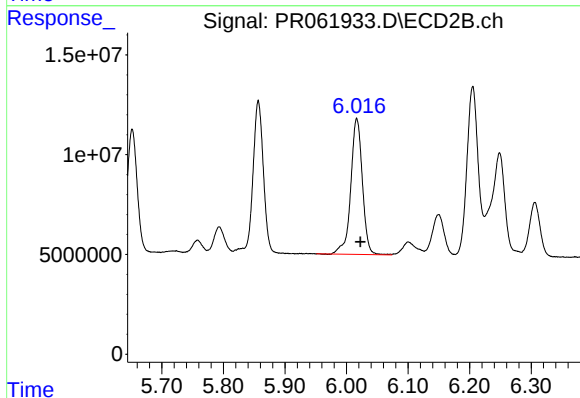
R.T.: 5.857 min
Delta R.T.: -0.005 min
Response: 90579588
Conc: 434.85 ng/ml



#33 AR-1260-3

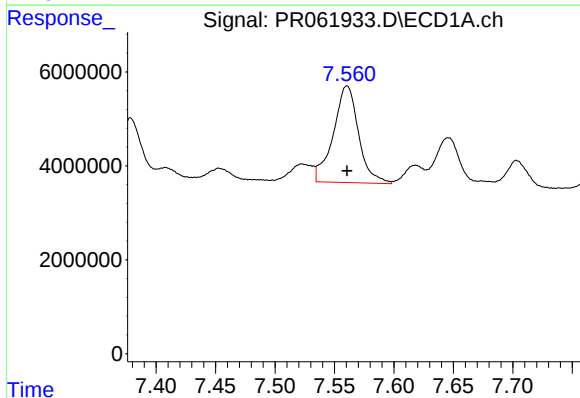
R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 25197534
Conc: 330.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



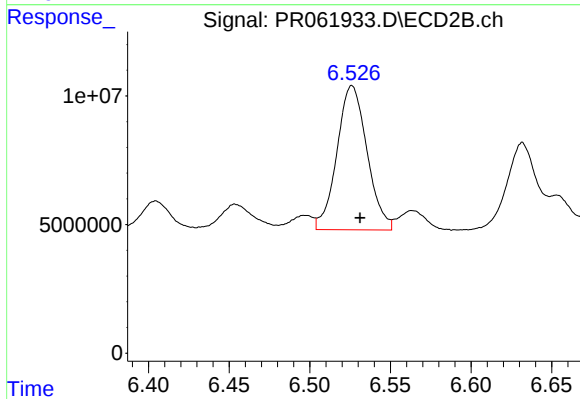
#33 AR-1260-3

R.T.: 6.017 min
Delta R.T.: -0.006 min
Response: 89279117
Conc: 436.60 ng/ml



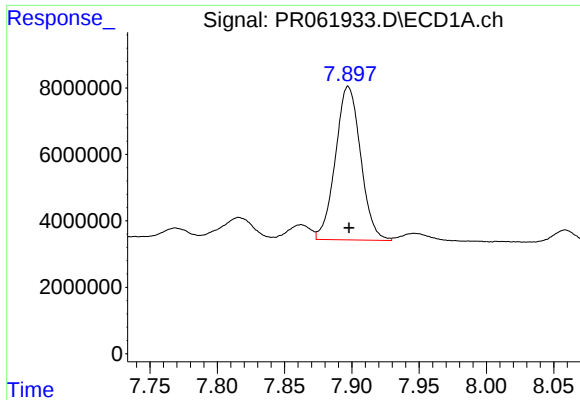
#34 AR-1260-4

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 30492428
Conc: 357.11 ng/ml



#34 AR-1260-4

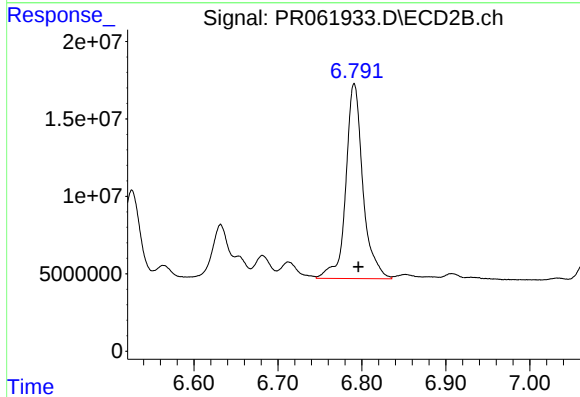
R.T.: 6.526 min
Delta R.T.: -0.005 min
Response: 72925145
Conc: 413.28 ng/ml



#35 AR-1260-5

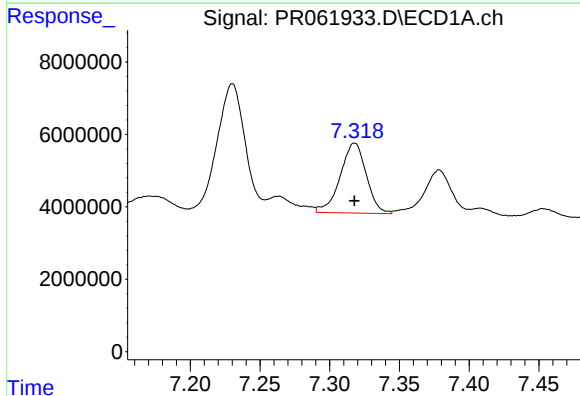
R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 60192661
Conc: 396.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



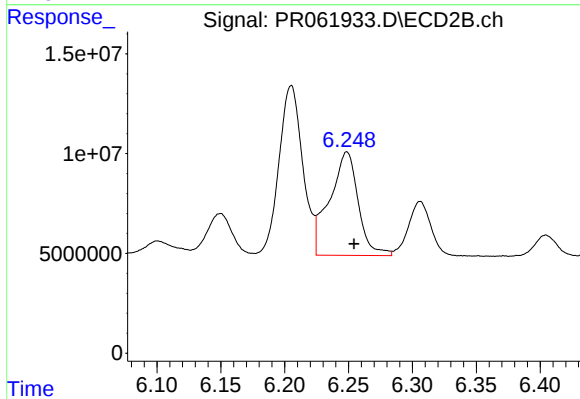
#35 AR-1260-5

R.T.: 6.791 min
Delta R.T.: -0.005 min
Response: 177962775
Conc: 428.53 ng/ml



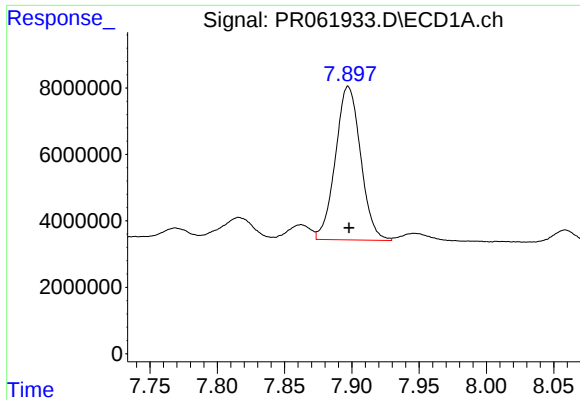
#36 AR-1262-1

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 25197534
Conc: 227.04 ng/ml



#36 AR-1262-1

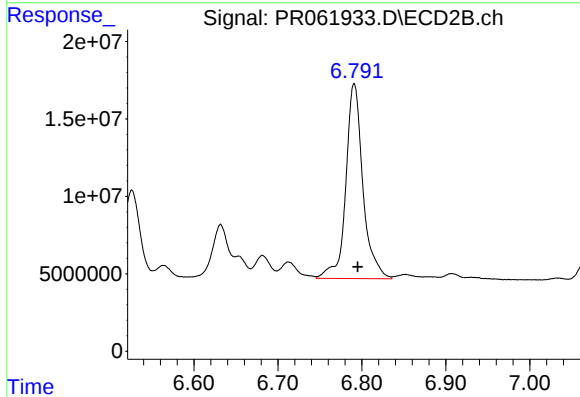
R.T.: 6.249 min
Delta R.T.: -0.006 min
Response: 80925979
Conc: 325.15 ng/ml



#37 AR-1262-2

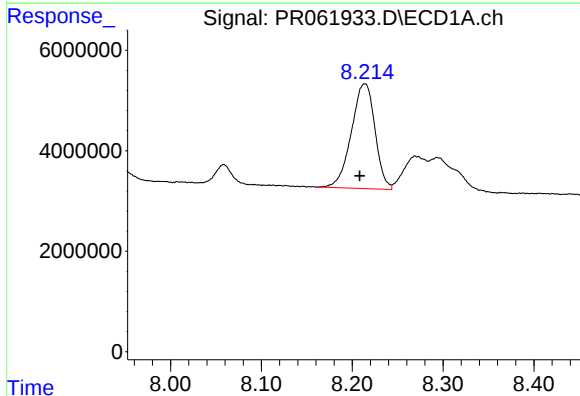
R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 60192661
Conc: 343.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



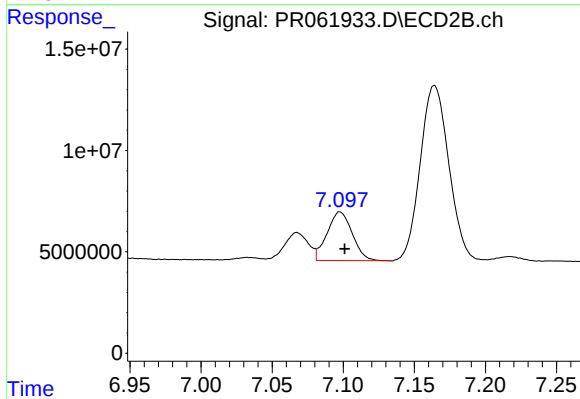
#37 AR-1262-2

R.T.: 6.791 min
Delta R.T.: -0.004 min
Response: 177962775
Conc: 380.46 ng/ml



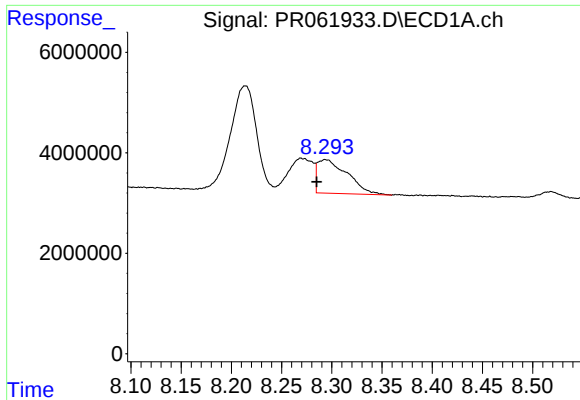
#38 AR-1262-3

R.T.: 8.214 min
Delta R.T.: 0.006 min
Response: 37721671
Conc: 320.65 ng/ml



#38 AR-1262-3

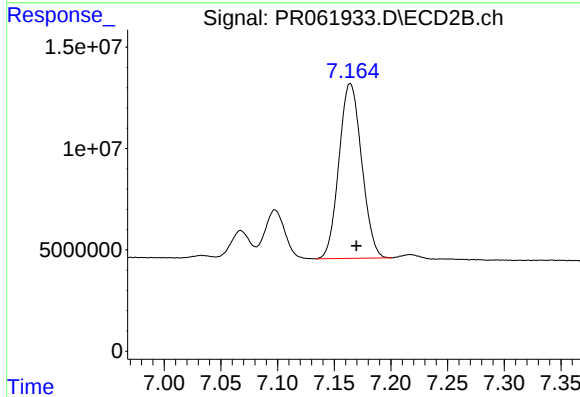
R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 29571940
Conc: 157.43 ng/ml



#39 AR-1262-4

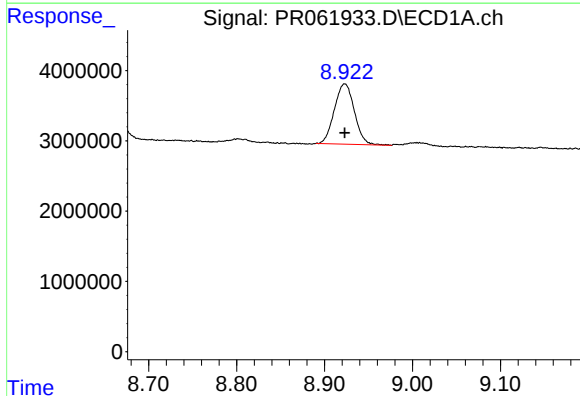
R.T.: 8.294 min
Delta R.T.: 0.009 min
Response: 13900930
Conc: 240.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



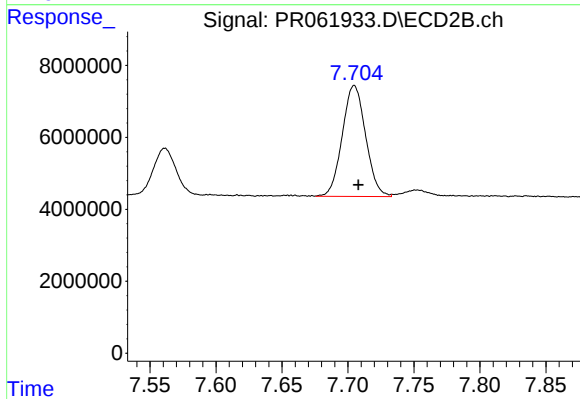
#39 AR-1262-4

R.T.: 7.164 min
Delta R.T.: -0.005 min
Response: 120219653
Conc: 338.09 ng/ml



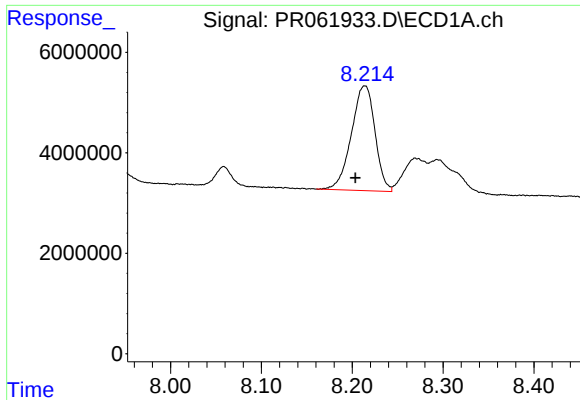
#40 AR-1262-5

R.T.: 8.923 min
Delta R.T.: 0.000 min
Response: 13561757
Conc: 223.02 ng/ml



#40 AR-1262-5

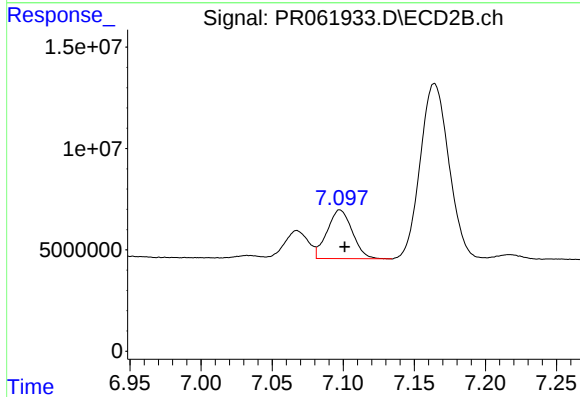
R.T.: 7.705 min
Delta R.T.: -0.003 min
Response: 38008441
Conc: 215.51 ng/ml



#41 AR-1268-1

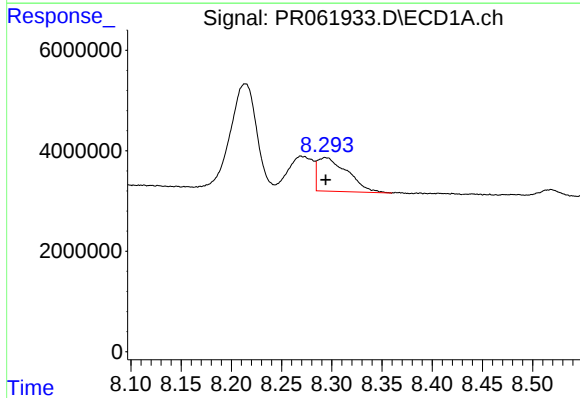
R.T.: 8.214 min
Delta R.T.: 0.010 min
Response: 37721671
Conc: 224.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



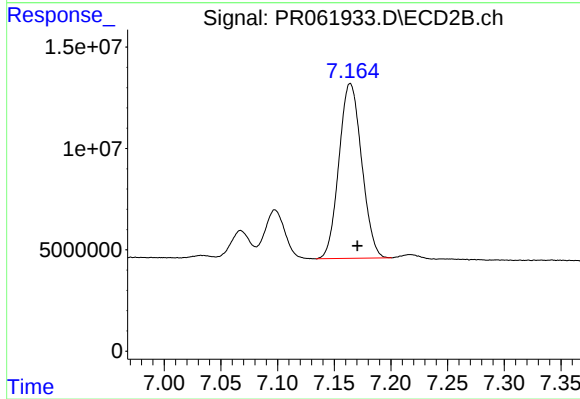
#41 AR-1268-1

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 29571940
Conc: 67.57 ng/ml



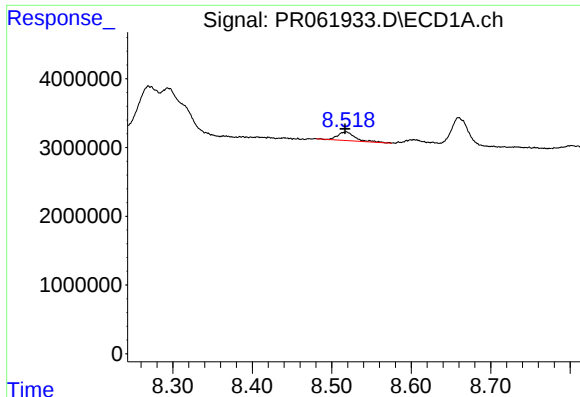
#42 AR-1268-2

R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 13900930
Conc: 88.91 ng/ml



#42 AR-1268-2

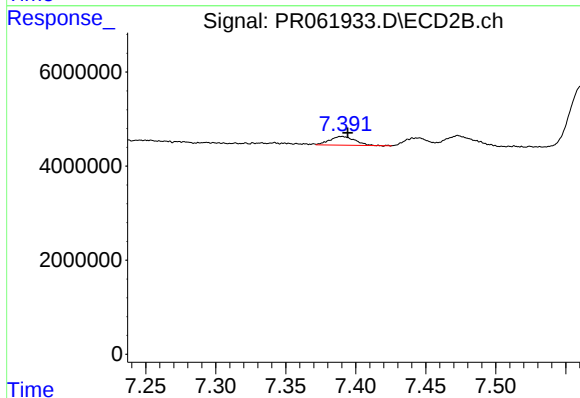
R.T.: 7.164 min
Delta R.T.: -0.006 min
Response: 120219653
Conc: 297.78 ng/ml



#43 AR-1268-3

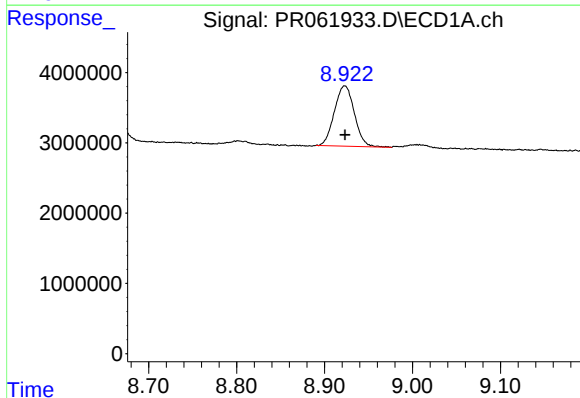
R.T.: 8.518 min
Delta R.T.: 0.002 min
Response: 1892406
Conc: 14.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



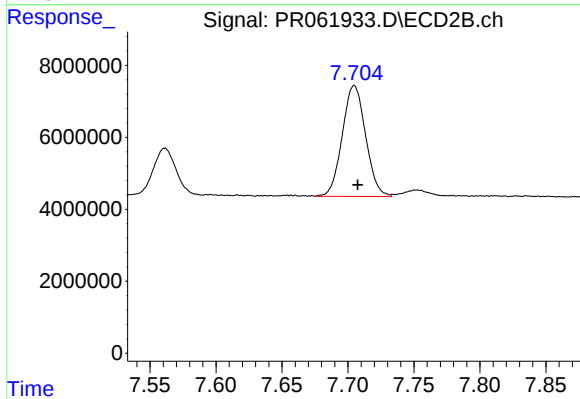
#43 AR-1268-3

R.T.: 7.390 min
Delta R.T.: -0.004 min
Response: 2292042
Conc: 6.54 ng/ml



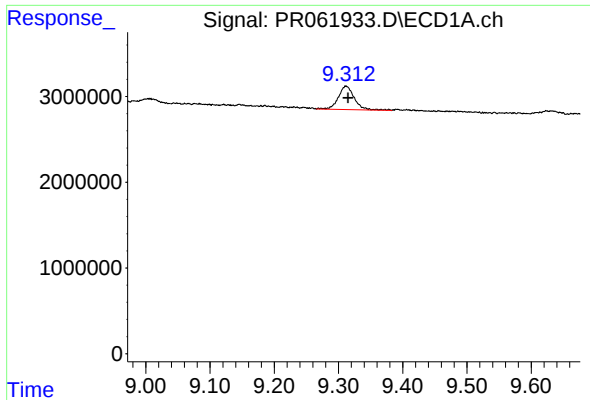
#44 AR-1268-4

R.T.: 8.923 min
Delta R.T.: 0.000 min
Response: 13561757
Conc: 248.92 ng/ml



#44 AR-1268-4

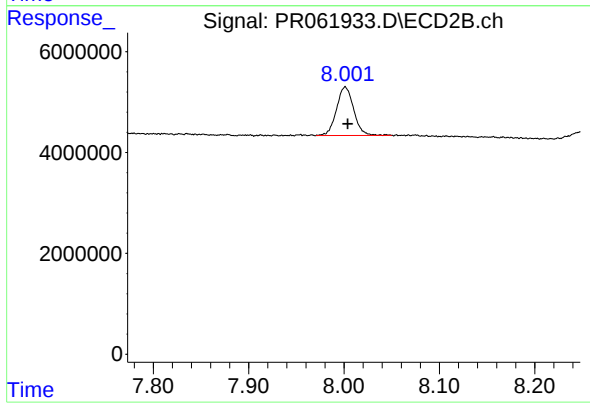
R.T.: 7.705 min
Delta R.T.: -0.003 min
Response: 38008441
Conc: 241.87 ng/ml



#45 AR-1268-5

R.T.: 9.312 min
Delta R.T.: -0.003 min
Response: 4775559
Conc: 12.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.001 min
Delta R.T.: -0.003 min
Response: 12018416
Conc: 10.59 ng/ml