

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031523\
 Data File : P0093188.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 21:55
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 01:00:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 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...	4.428	3.633	138.0E6	50966552	44.071	45.189
2)	SA Decachlor...	10.261	8.665	93898641	43624292	43.386	44.554
Target Compounds							
3)	L1 AR-1016-1	5.605	4.718	41773214	15805354	437.178	441.543
4)	L1 AR-1016-2	5.627	4.737	61489522	23383279	430.623	450.578
5)	L1 AR-1016-3	5.690	4.914	39591735	12445231	436.351	449.849
6)	L1 AR-1016-4	5.789	4.956	30347418	10811156	447.924	434.815
7)	L1 AR-1016-5	6.087	5.169	33067668	15168830	441.655	479.286
8)	L2 AR-1221-1	4.633	3.846	5027374	1774665	124.371	120.688
9)	L2 AR-1221-2	4.725	3.932	7225044	2626964	238.413	240.549
10)	L2 AR-1221-3	4.802	4.008	26537530	10300820	290.276	302.367
11)	L3 AR-1232-1	4.802	4.008	26537530	10300820	363.484	364.706
12)	L3 AR-1232-2	5.335	4.737	34594532	23383279	962.125	948.986
13)	L3 AR-1232-3	5.627	4.914	61489522	12445231	939.275	983.676
14)	L3 AR-1232-4	5.789	4.997	30347418	13692143	991.198	1069.060
15)	L3 AR-1232-5	5.881	5.169	29301307	15168830	1055.955	1081.624
16)	L4 AR-1242-1	5.605	4.718	41773214	15805354	509.658	520.140
17)	L4 AR-1242-2	5.627	4.737	61489522	23383279	512.314	526.677
18)	L4 AR-1242-3	5.690	4.914	39591735	12445231	515.865	532.310
19)	L4 AR-1242-4	5.789	4.997	30347418	13692143	529.536	525.608
20)	L4 AR-1242-5	6.532	5.522	9344704	14491987	149.539	507.296 #
21)	L5 AR-1248-1	5.605	4.718	41773214	15805354	671.985	679.167
22)	L5 AR-1248-2	5.881	4.956	29301307	10811156	306.788	298.317
23)	L5 AR-1248-3	6.087	4.997	33067668	13692143	317.778	364.865
24)	L5 AR-1248-4	6.493	5.169	10206620	15168830	100.231	352.588 #
25)	L5 AR-1248-5	6.532	5.562	9344704	3710576	91.293	100.893
26)	L6 AR-1254-1	6.467	5.522	28429890	14491987	243.281	230.898
27)	L6 AR-1254-2	6.688	5.670	24950950	10730506	146.025	190.420 #
28)	L6 AR-1254-3	7.057	6.091	11879927	19058401	71.463	221.367 #
29)	L6 AR-1254-4	7.345	6.305	6044456	1757583	56.703	38.433 #
30)	L6 AR-1254-5	7.767	6.724	72273697	32992912	533.745	446.744
31)	L7 AR-1260-1	7.223	6.206	57548951	27684023	444.213	455.341
32)	L7 AR-1260-2	7.482	6.396	64825337	32413525	439.122	448.340
33)	L7 AR-1260-3	7.846	6.549	49936966	29612871	443.960	442.851
34)	L7 AR-1260-4	8.073	7.024	55874085	24246586	435.706	440.594
35)	L7 AR-1260-5	8.401	7.267	99995288	51926587	447.536	441.062
36)	L8 AR-1262-1	7.767	6.724	72273697	32992912	727.073	882.906
37)	L8 AR-1262-2	8.401	7.267	99995288	51926587	421.339	436.053
38)	L8 AR-1262-3	8.732	7.616	65903170	38443456	390.232	425.329
39)	L8 AR-1262-4	8.794	7.616	43446000	38443456	485.094	425.329
40)	L8 AR-1262-5	9.485	8.115	31146760	13808029	326.111	337.401
41)	L9 AR-1268-1	8.732	7.552	65903170	12870584	206.381	82.242 #

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 Acq On : 15 Mar 2023 21:55
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

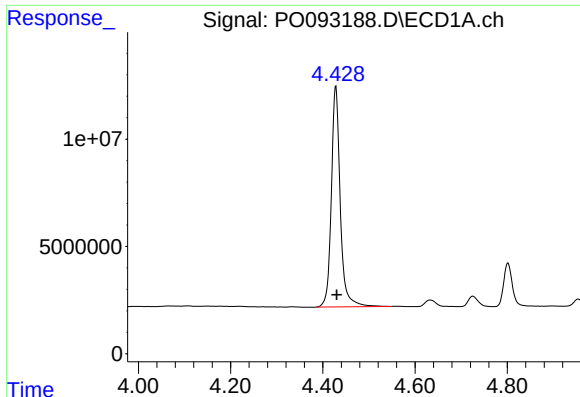
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 01:00:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.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	8.794	7.616	43446000	38443456	149.651	275.353 #
43) L9	AR-1268-3	9.050	7.825	1723015	745722	6.750	5.993
44) L9	AR-1268-4	9.485	8.115	31146760	13808029	291.652	280.010
45) L9	AR-1268-5	9.912	8.408	8112311	3959585	10.105	11.213

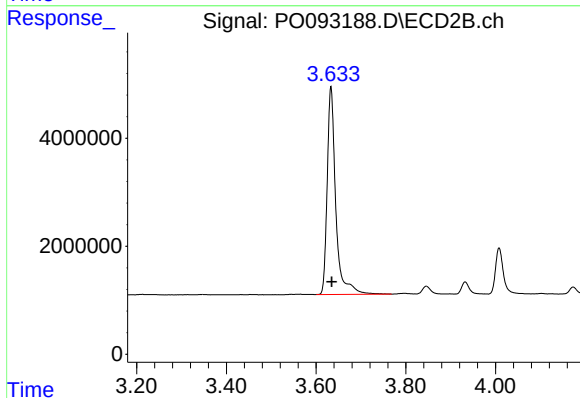
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

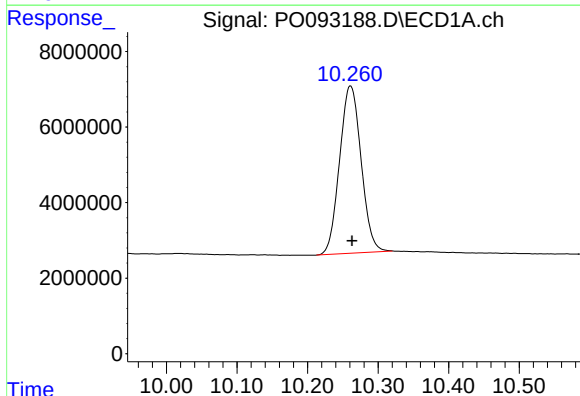
R.T.: 4.428 min
Delta R.T.: -0.002 min
Response: 138009108
Conc: 44.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



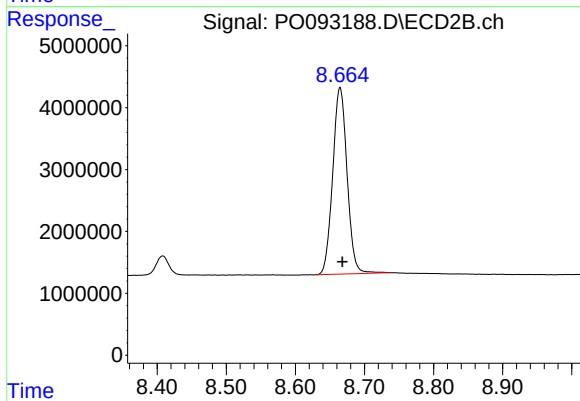
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: -0.002 min
Response: 50966552
Conc: 45.19 ng/ml



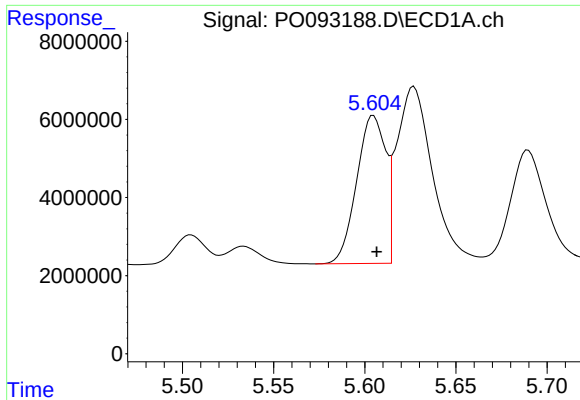
#2 Decachlorobiphenyl

R.T.: 10.261 min
Delta R.T.: -0.002 min
Response: 93898641
Conc: 43.39 ng/ml



#2 Decachlorobiphenyl

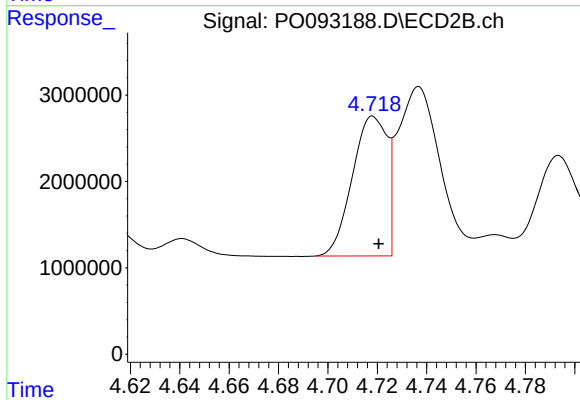
R.T.: 8.665 min
Delta R.T.: -0.003 min
Response: 43624292
Conc: 44.55 ng/ml



#3 AR-1016-1

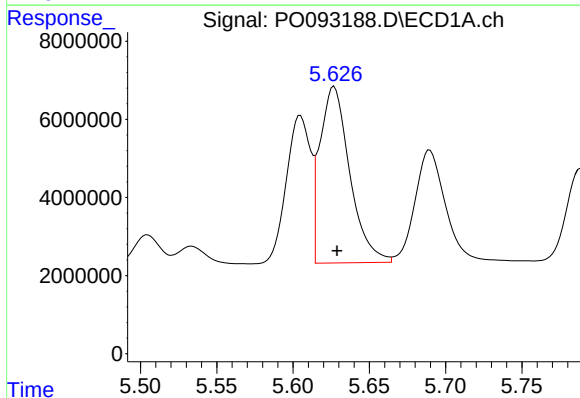
R.T.: 5.605 min
Delta R.T.: -0.002 min
Response: 41773214
Conc: 437.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



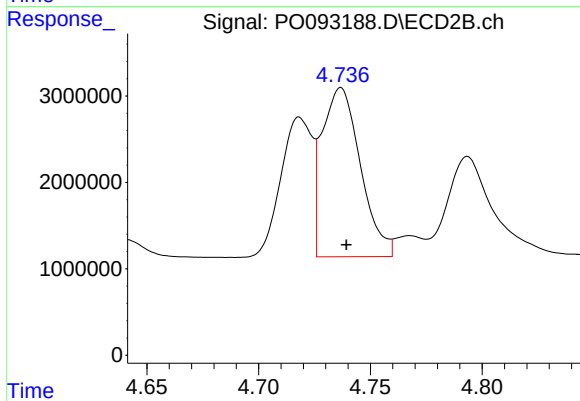
#3 AR-1016-1

R.T.: 4.718 min
Delta R.T.: -0.002 min
Response: 15805354
Conc: 441.54 ng/ml



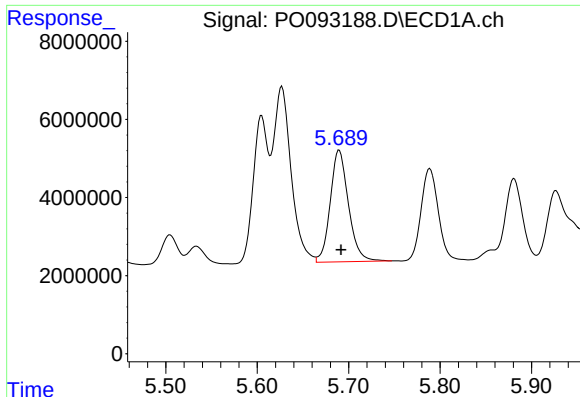
#4 AR-1016-2

R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 61489522
Conc: 430.62 ng/ml



#4 AR-1016-2

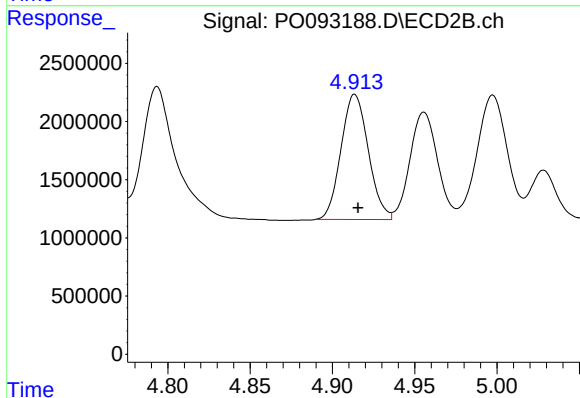
R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 23383279
Conc: 450.58 ng/ml



#5 AR-1016-3

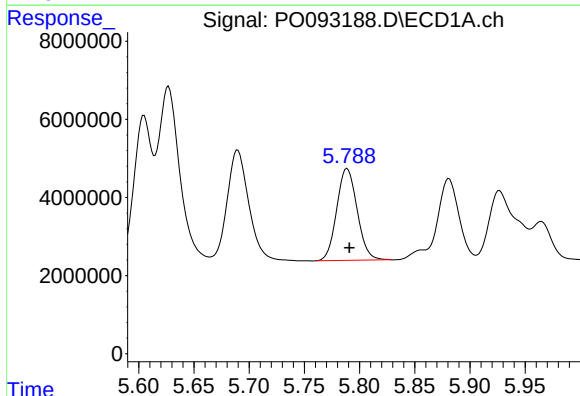
R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 39591735
Conc: 436.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



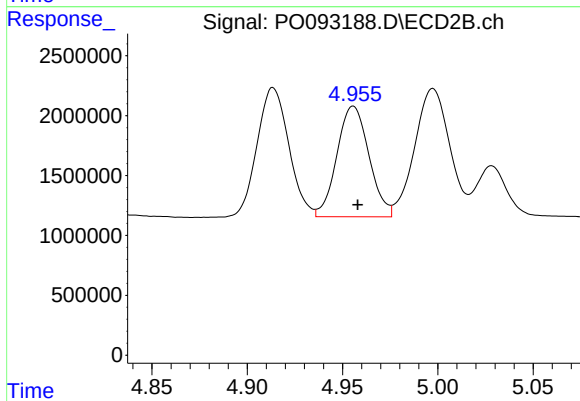
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: -0.002 min
Response: 12445231
Conc: 449.85 ng/ml



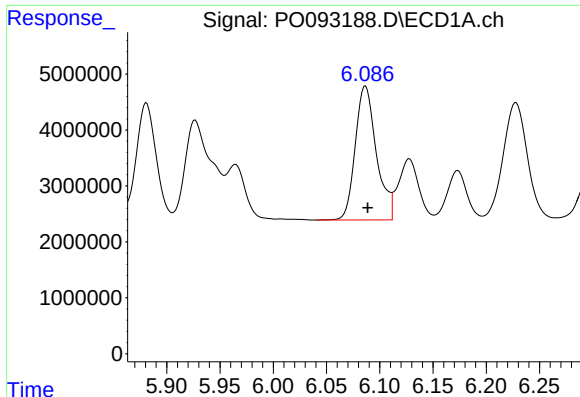
#6 AR-1016-4

R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 30347418
Conc: 447.92 ng/ml



#6 AR-1016-4

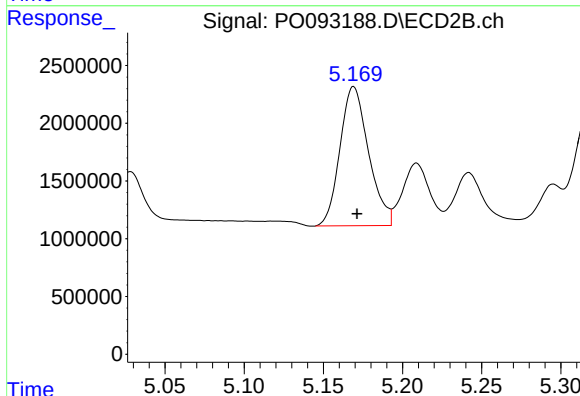
R.T.: 4.956 min
Delta R.T.: -0.002 min
Response: 10811156
Conc: 434.81 ng/ml



#7 AR-1016-5

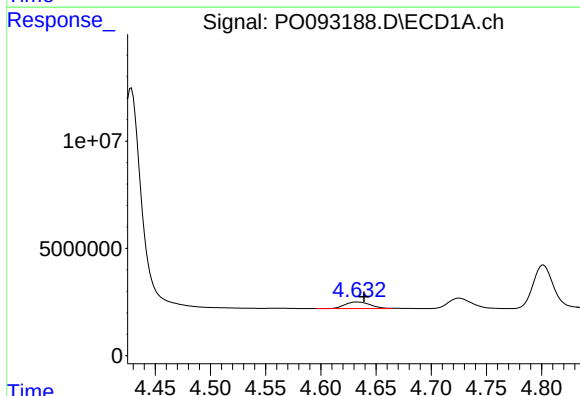
R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 33067668
Conc: 441.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



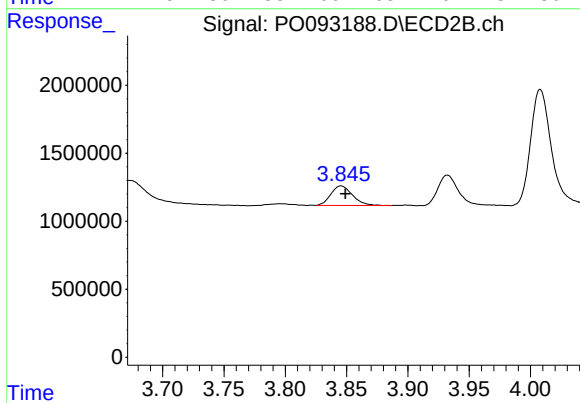
#7 AR-1016-5

R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 15168830
Conc: 479.29 ng/ml



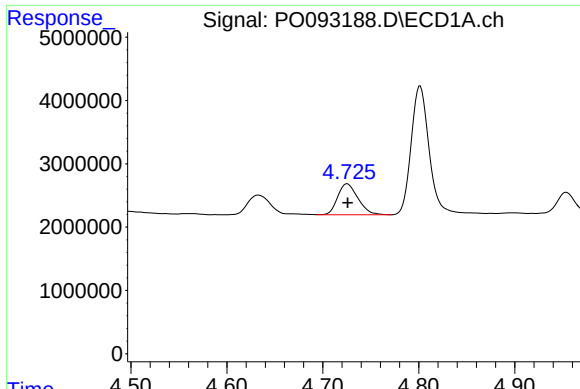
#8 AR-1221-1

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 5027374
Conc: 124.37 ng/ml



#8 AR-1221-1

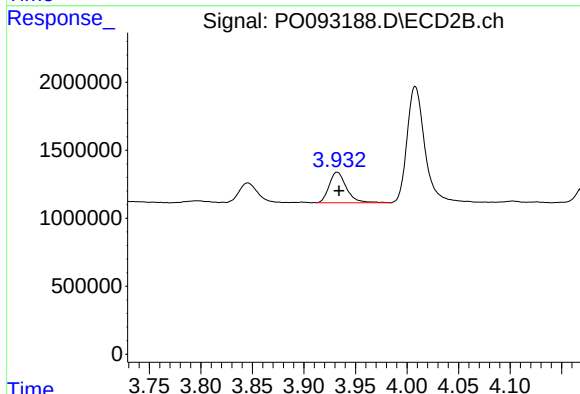
R.T.: 3.846 min
Delta R.T.: -0.003 min
Response: 1774665
Conc: 120.69 ng/ml



#9 AR-1221-2

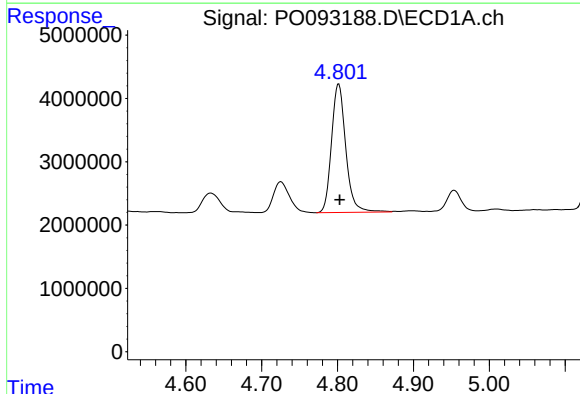
R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 7225044
Conc: 238.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



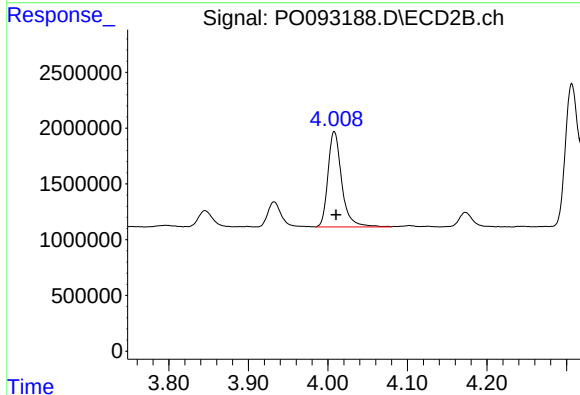
#9 AR-1221-2

R.T.: 3.932 min
Delta R.T.: -0.002 min
Response: 2626964
Conc: 240.55 ng/ml



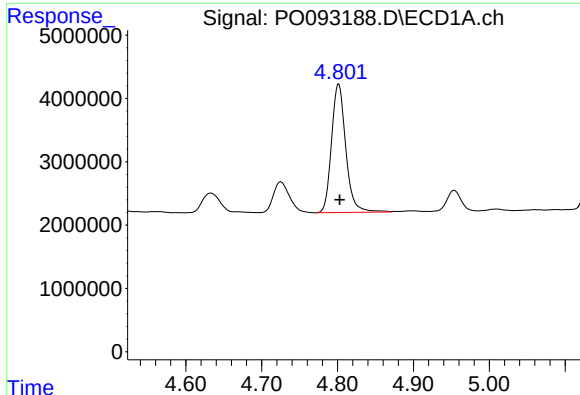
#10 AR-1221-3

R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 26537530
Conc: 290.28 ng/ml



#10 AR-1221-3

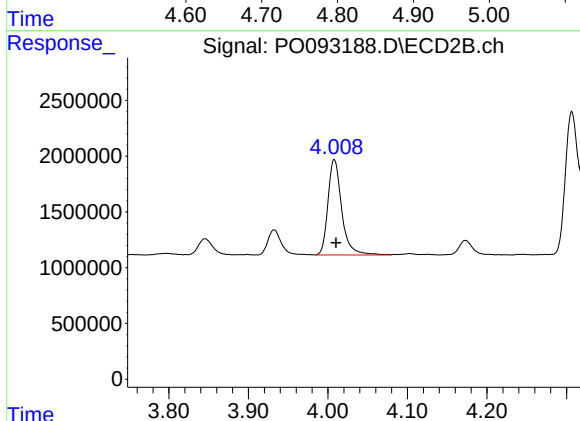
R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 10300820
Conc: 302.37 ng/ml



#11 AR-1232-1

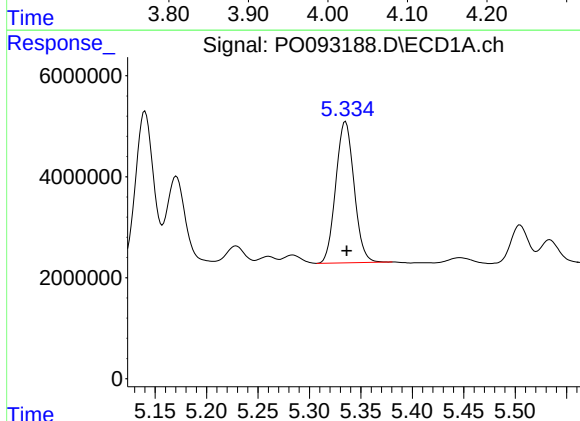
R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 26537530
Conc: 363.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



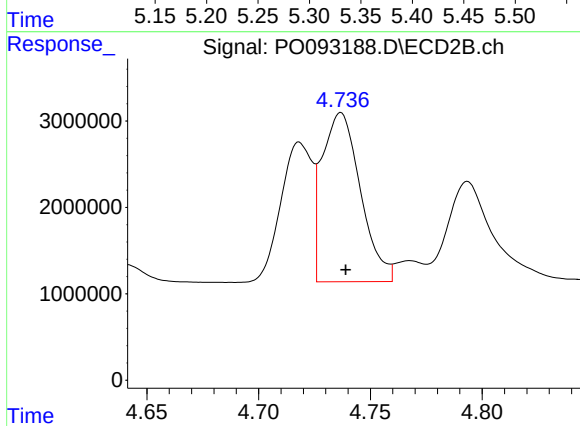
#11 AR-1232-1

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 10300820
Conc: 364.71 ng/ml



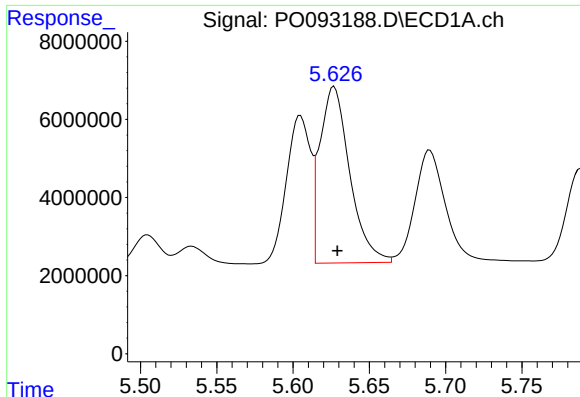
#12 AR-1232-2

R.T.: 5.335 min
Delta R.T.: -0.001 min
Response: 34594532
Conc: 962.13 ng/ml



#12 AR-1232-2

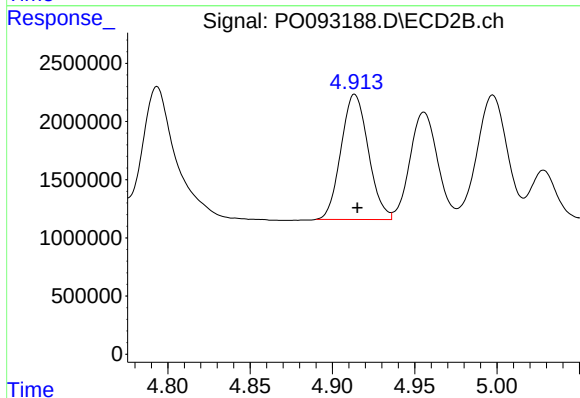
R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 23383279
Conc: 948.99 ng/ml



#13 AR-1232-3

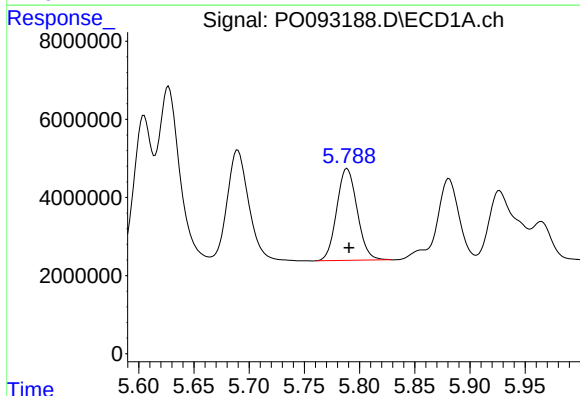
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 61489522
Conc: 939.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



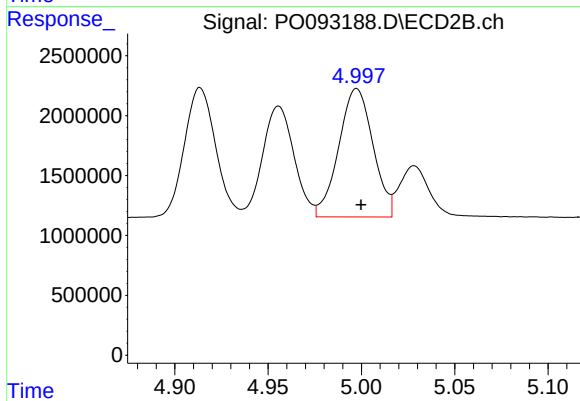
#13 AR-1232-3

R.T.: 4.914 min
Delta R.T.: -0.001 min
Response: 12445231
Conc: 983.68 ng/ml



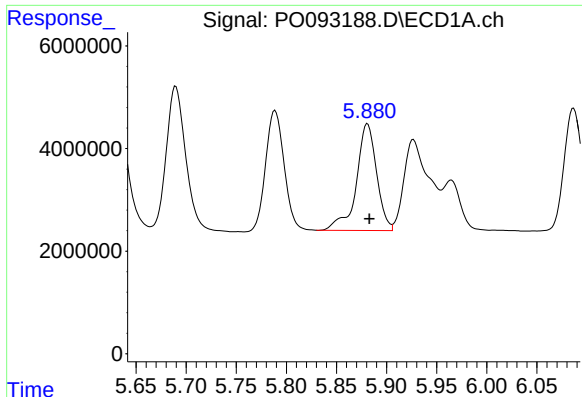
#14 AR-1232-4

R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 30347418
Conc: 991.20 ng/ml



#14 AR-1232-4

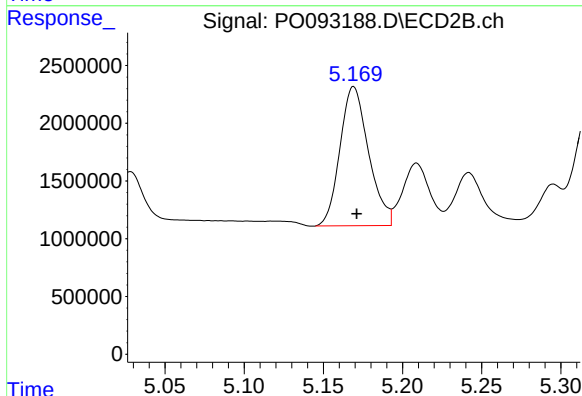
R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 13692143
Conc: 1069.06 ng/ml



#15 AR-1232-5

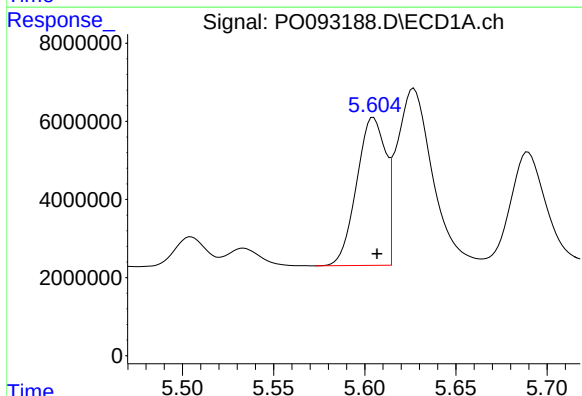
R.T.: 5.881 min
Delta R.T.: -0.002 min
Response: 29301307
Conc: 1055.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



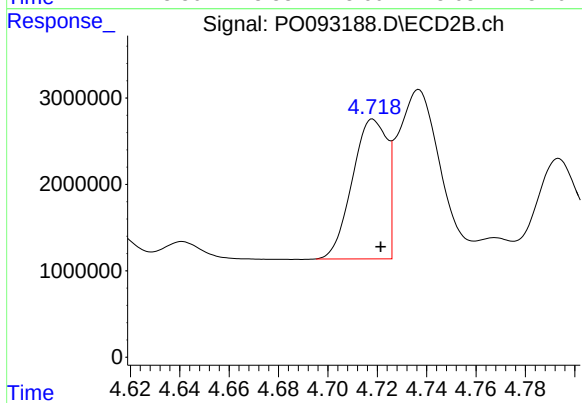
#15 AR-1232-5

R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 15168830
Conc: 1081.62 ng/ml



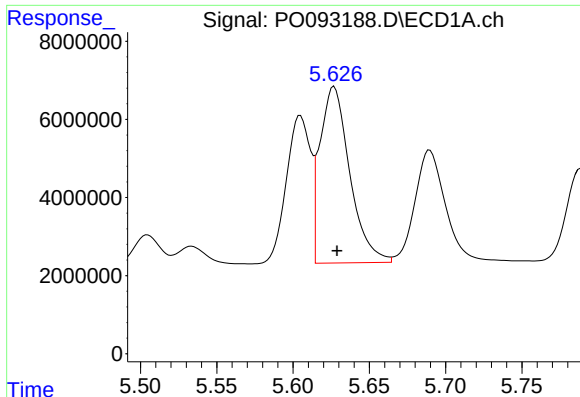
#16 AR-1242-1

R.T.: 5.605 min
Delta R.T.: -0.002 min
Response: 41773214
Conc: 509.66 ng/ml



#16 AR-1242-1

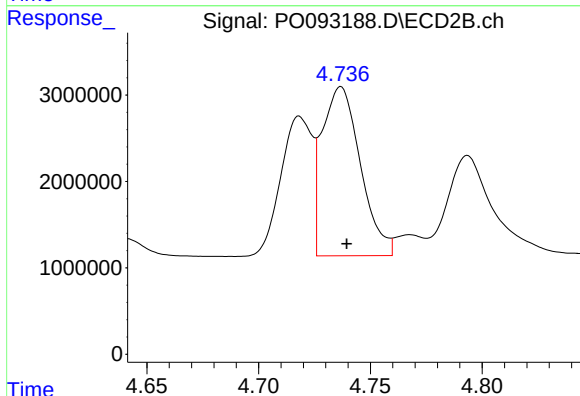
R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 15805354
Conc: 520.14 ng/ml



#17 AR-1242-2

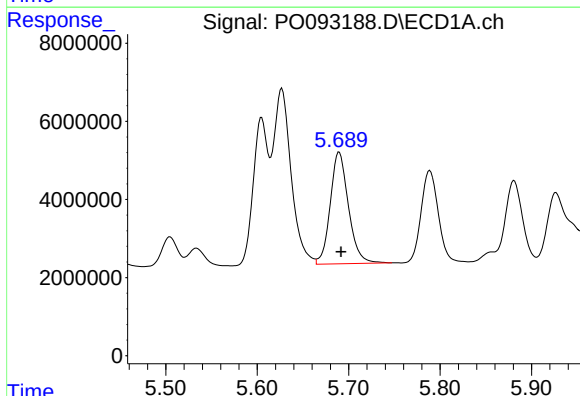
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 61489522
Conc: 512.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



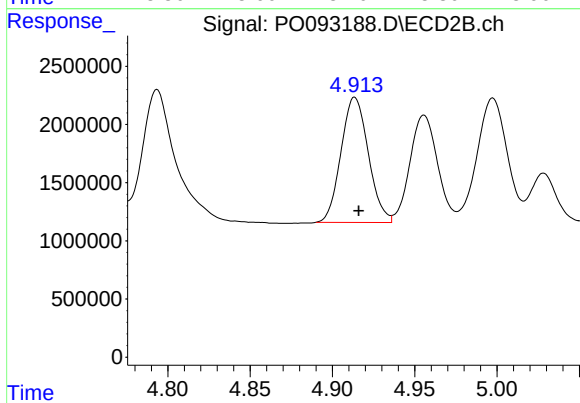
#17 AR-1242-2

R.T.: 4.737 min
Delta R.T.: -0.003 min
Response: 23383279
Conc: 526.68 ng/ml



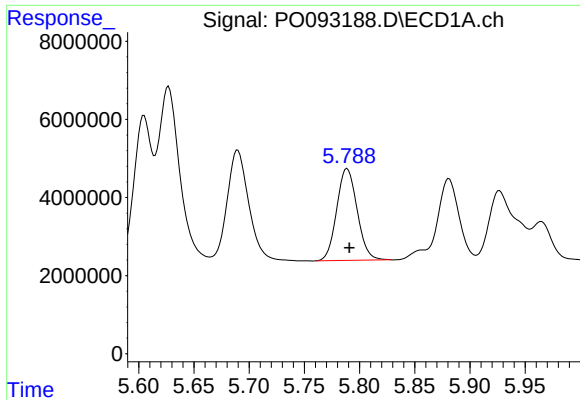
#18 AR-1242-3

R.T.: 5.690 min
Delta R.T.: -0.002 min
Response: 39591735
Conc: 515.87 ng/ml



#18 AR-1242-3

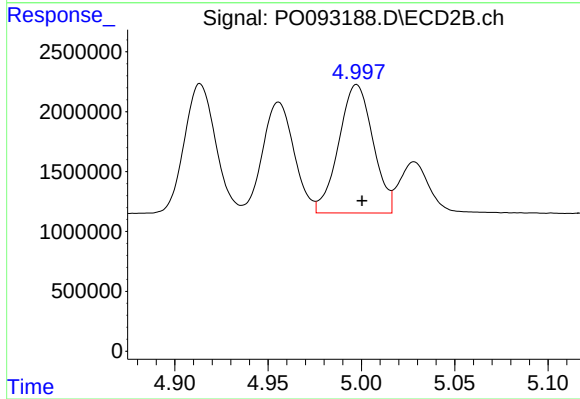
R.T.: 4.914 min
Delta R.T.: -0.002 min
Response: 12445231
Conc: 532.31 ng/ml



#19 AR-1242-4

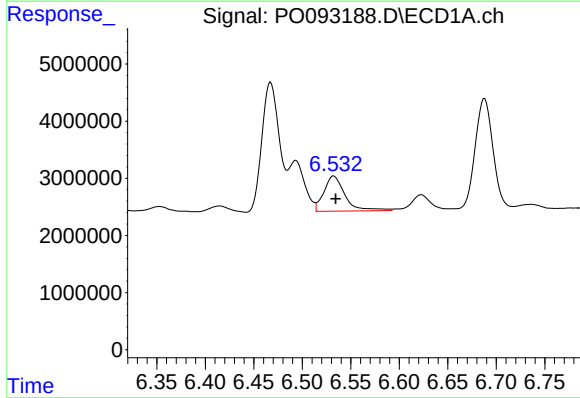
R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 30347418
Conc: 529.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



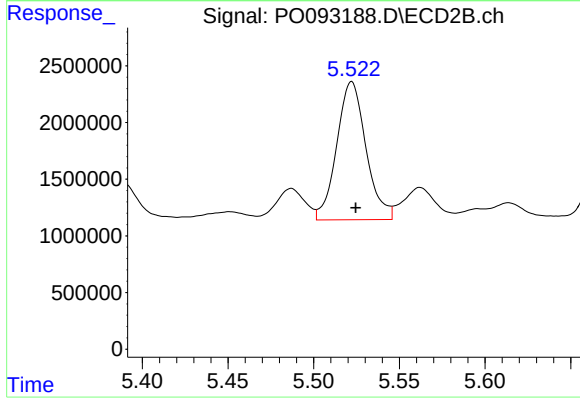
#19 AR-1242-4

R.T.: 4.997 min
Delta R.T.: -0.003 min
Response: 13692143
Conc: 525.61 ng/ml



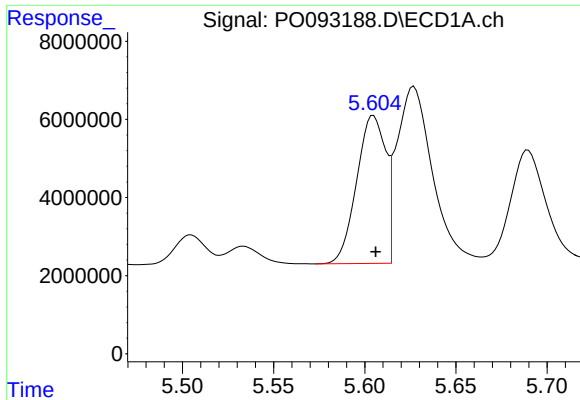
#20 AR-1242-5

R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 9344704
Conc: 149.54 ng/ml



#20 AR-1242-5

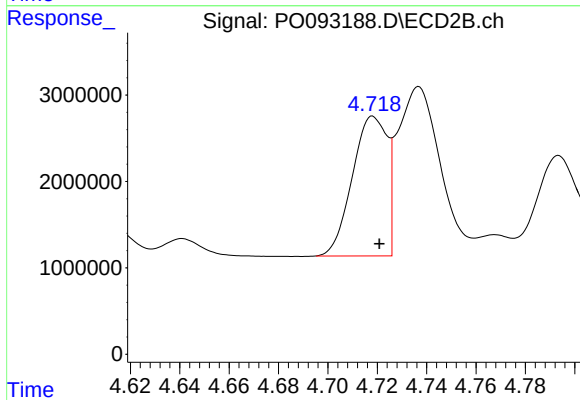
R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 14491987
Conc: 507.30 ng/ml



#21 AR-1248-1

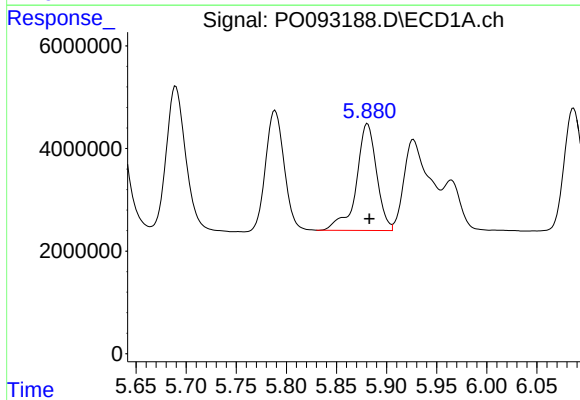
R.T.: 5.605 min
Delta R.T.: -0.001 min
Response: 41773214
Conc: 671.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



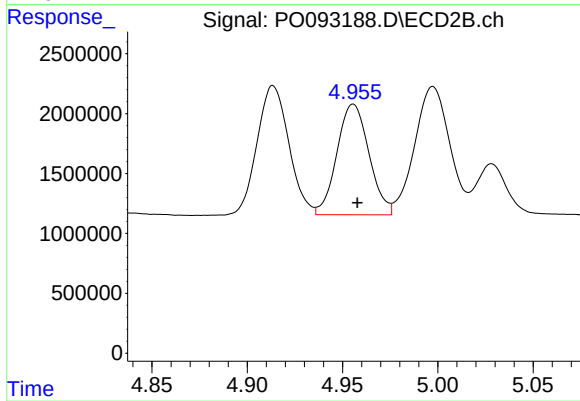
#21 AR-1248-1

R.T.: 4.718 min
Delta R.T.: -0.002 min
Response: 15805354
Conc: 679.17 ng/ml



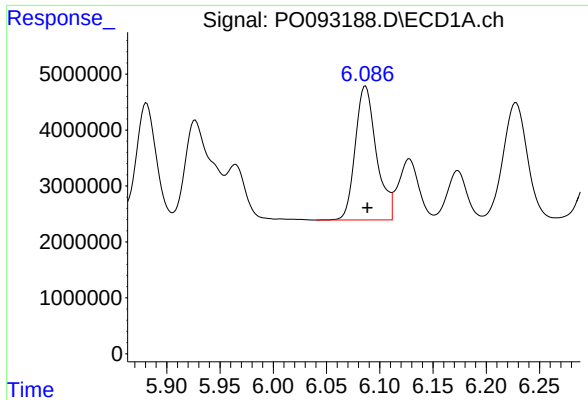
#22 AR-1248-2

R.T.: 5.881 min
Delta R.T.: -0.002 min
Response: 29301307
Conc: 306.79 ng/ml



#22 AR-1248-2

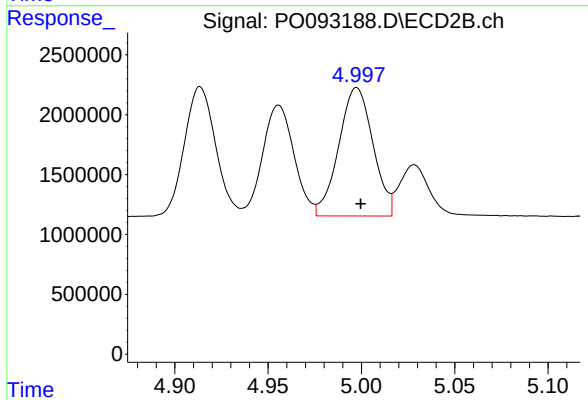
R.T.: 4.956 min
Delta R.T.: -0.002 min
Response: 10811156
Conc: 298.32 ng/ml



#23 AR-1248-3

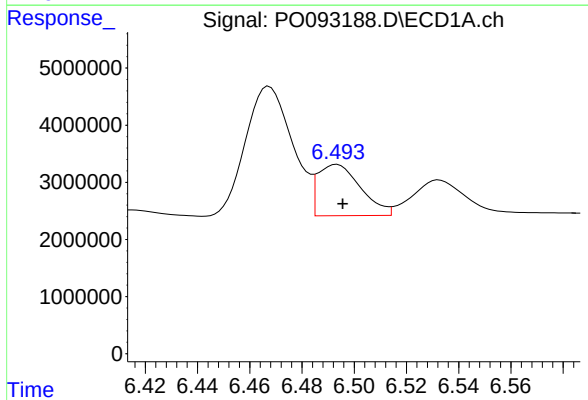
R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 33067668
Conc: 317.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



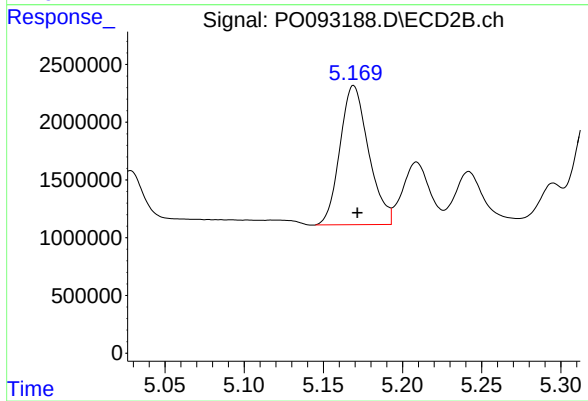
#23 AR-1248-3

R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 13692143
Conc: 364.86 ng/ml



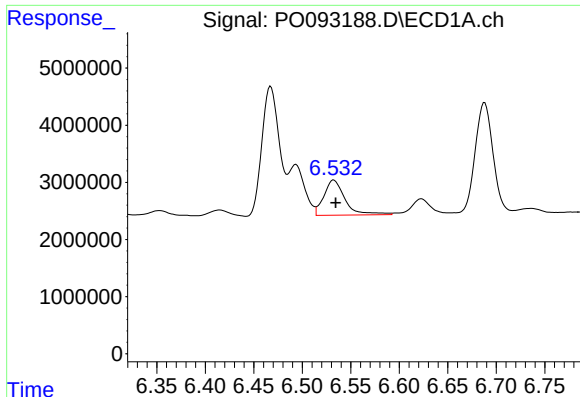
#24 AR-1248-4

R.T.: 6.493 min
Delta R.T.: -0.002 min
Response: 10206620
Conc: 100.23 ng/ml



#24 AR-1248-4

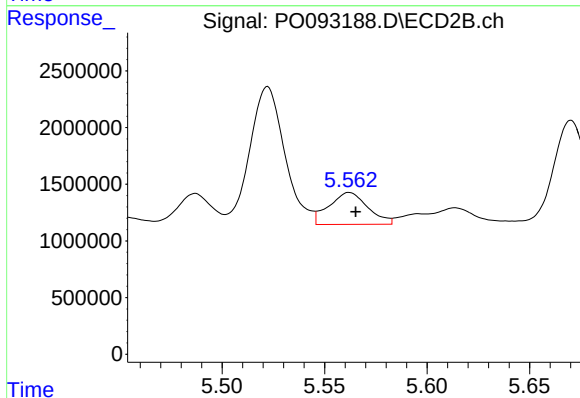
R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 15168830
Conc: 352.59 ng/ml



#25 AR-1248-5

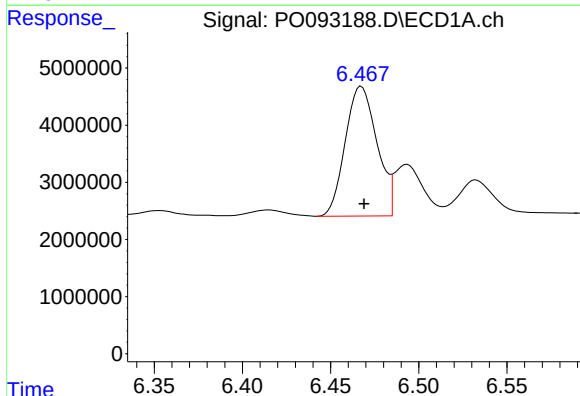
R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 9344704
Conc: 91.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



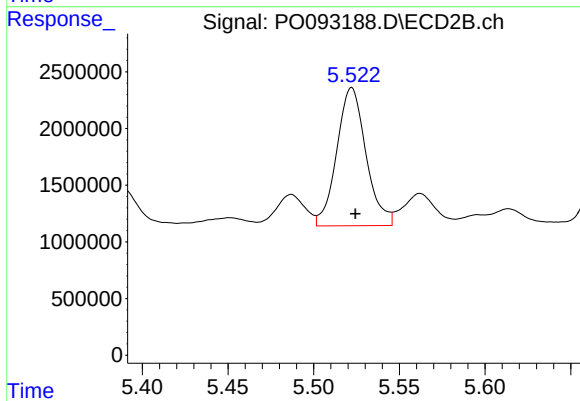
#25 AR-1248-5

R.T.: 5.562 min
Delta R.T.: -0.003 min
Response: 3710576
Conc: 100.89 ng/ml



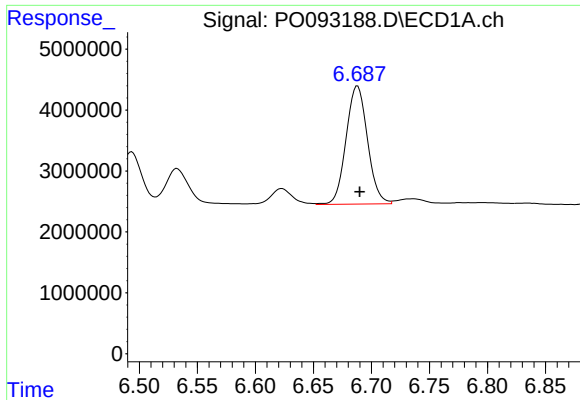
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: -0.002 min
Response: 28429890
Conc: 243.28 ng/ml



#26 AR-1254-1

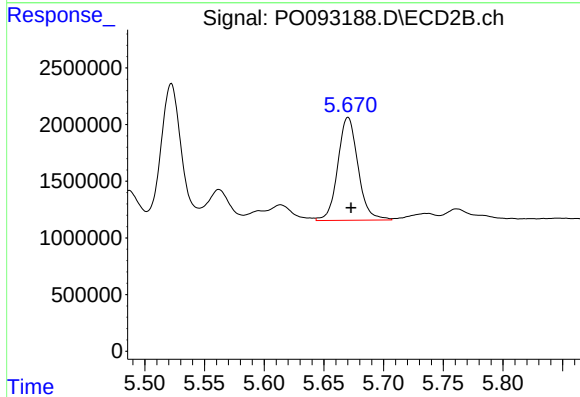
R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 14491987
Conc: 230.90 ng/ml



#27 AR-1254-2

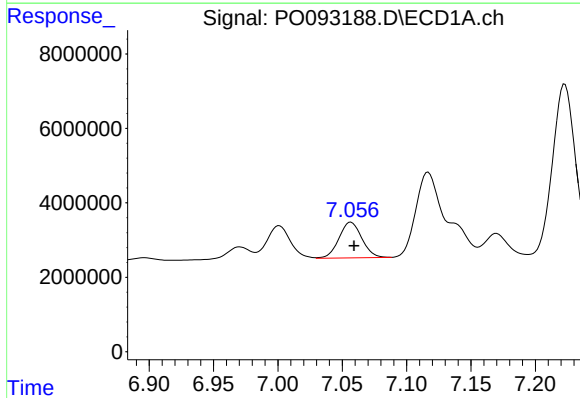
R.T.: 6.688 min
Delta R.T.: -0.002 min
Response: 24950950
Conc: 146.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



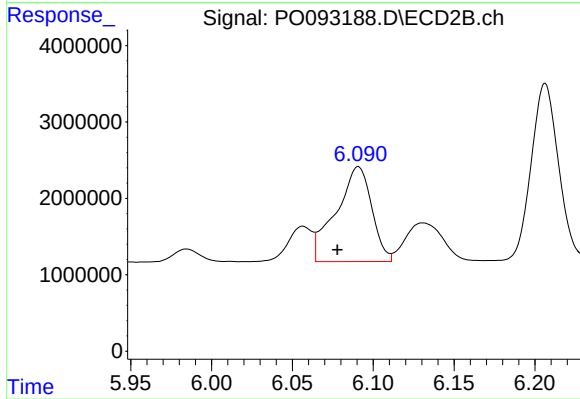
#27 AR-1254-2

R.T.: 5.670 min
Delta R.T.: -0.003 min
Response: 10730506
Conc: 190.42 ng/ml



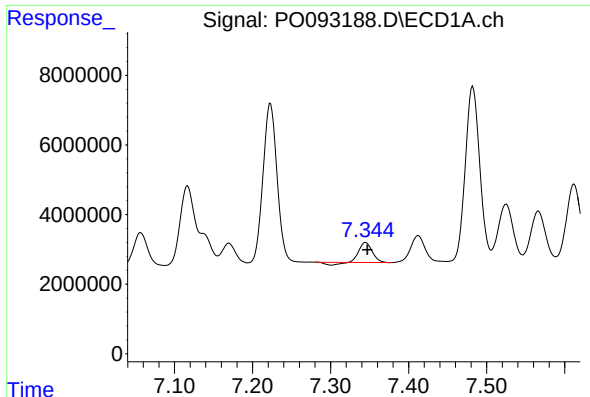
#28 AR-1254-3

R.T.: 7.057 min
Delta R.T.: -0.003 min
Response: 11879927
Conc: 71.46 ng/ml



#28 AR-1254-3

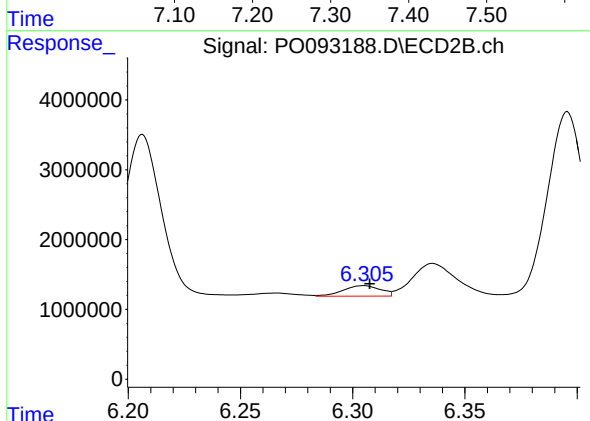
R.T.: 6.091 min
Delta R.T.: 0.013 min
Response: 19058401
Conc: 221.37 ng/ml



#29 AR-1254-4

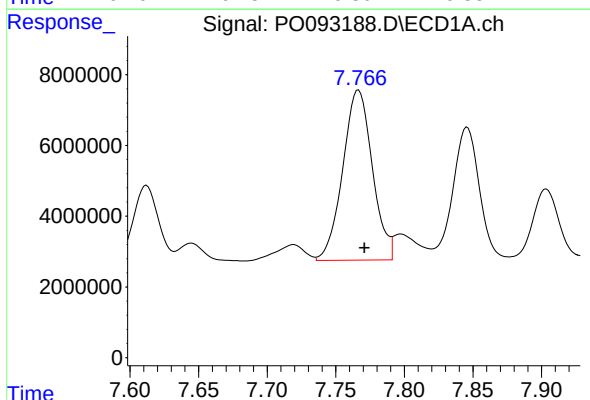
R.T.: 7.345 min
Delta R.T.: -0.002 min
Response: 6044456
Conc: 56.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



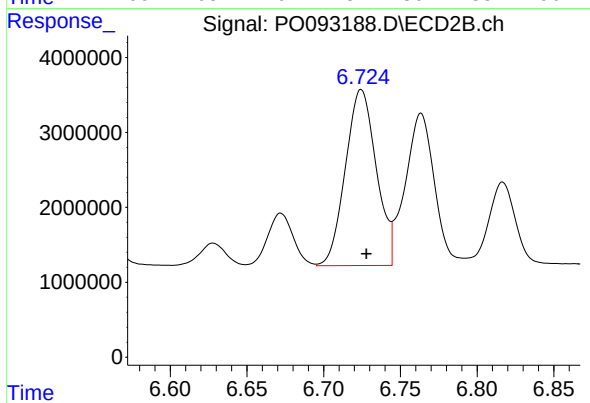
#29 AR-1254-4

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 1757583
Conc: 38.43 ng/ml



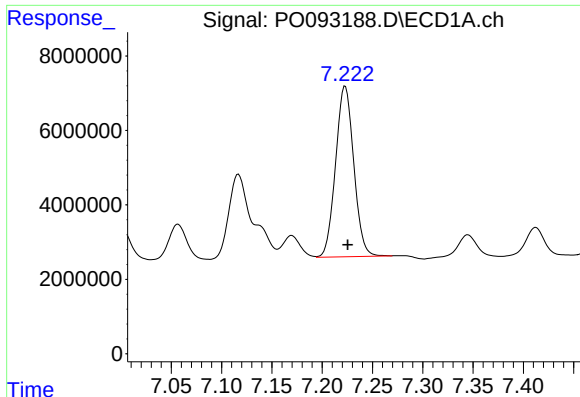
#30 AR-1254-5

R.T.: 7.767 min
Delta R.T.: -0.004 min
Response: 72273697
Conc: 533.74 ng/ml



#30 AR-1254-5

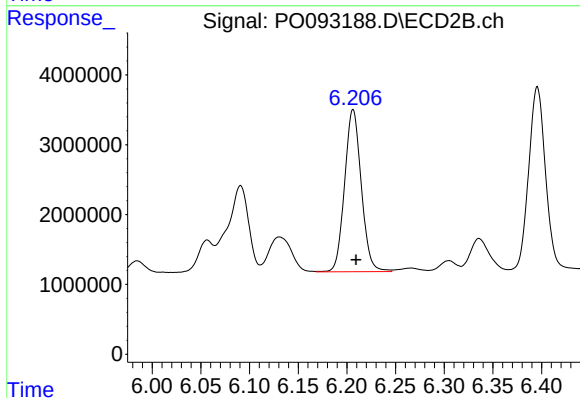
R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 32992912
Conc: 446.74 ng/ml



#31 AR-1260-1

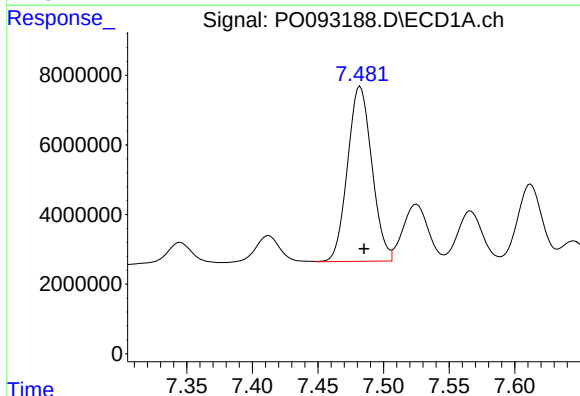
R.T.: 7.223 min
Delta R.T.: -0.002 min
Response: 57548951
Conc: 444.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



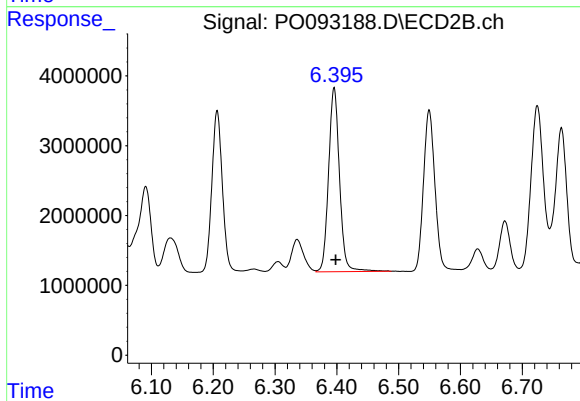
#31 AR-1260-1

R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 27684023
Conc: 455.34 ng/ml



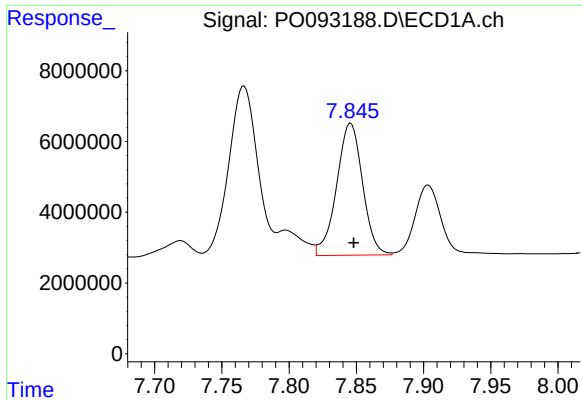
#32 AR-1260-2

R.T.: 7.482 min
Delta R.T.: -0.003 min
Response: 64825337
Conc: 439.12 ng/ml



#32 AR-1260-2

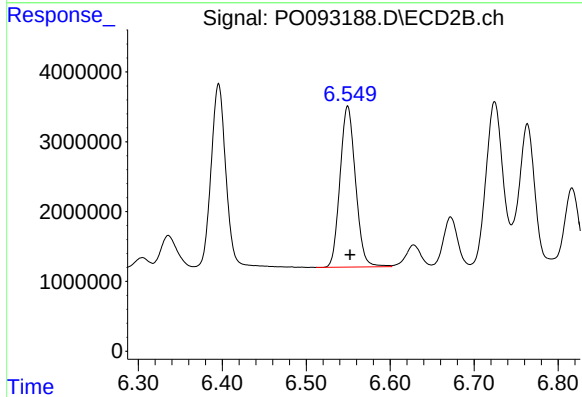
R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 32413525
Conc: 448.34 ng/ml



#33 AR-1260-3

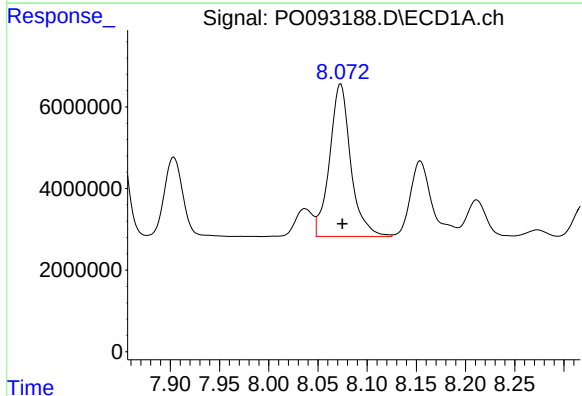
R.T.: 7.846 min
Delta R.T.: -0.002 min
Response: 49936966
Conc: 443.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



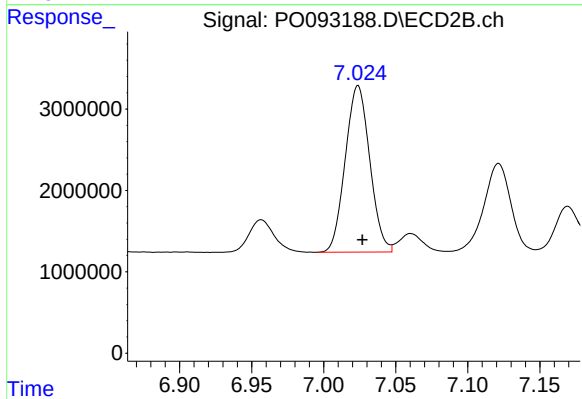
#33 AR-1260-3

R.T.: 6.549 min
Delta R.T.: -0.003 min
Response: 29612871
Conc: 442.85 ng/ml



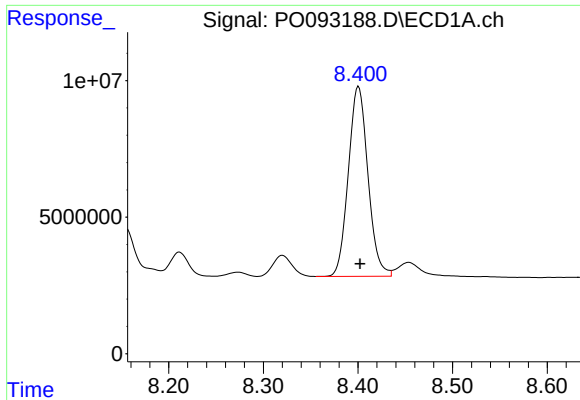
#34 AR-1260-4

R.T.: 8.073 min
Delta R.T.: -0.002 min
Response: 55874085
Conc: 435.71 ng/ml



#34 AR-1260-4

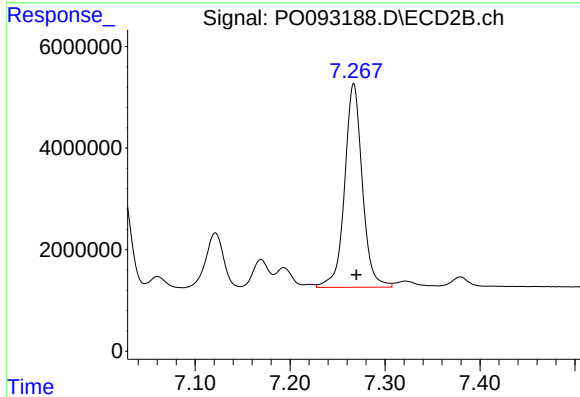
R.T.: 7.024 min
Delta R.T.: -0.003 min
Response: 24246586
Conc: 440.59 ng/ml



#35 AR-1260-5

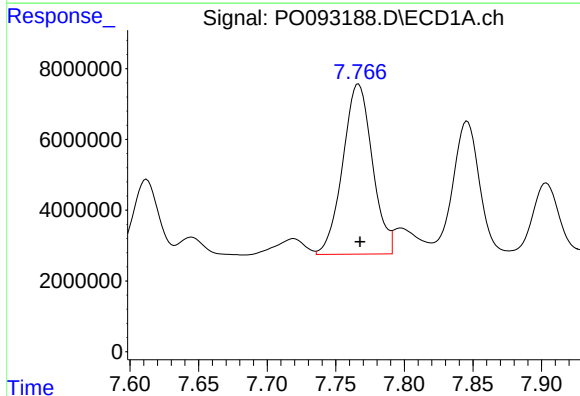
R.T.: 8.401 min
Delta R.T.: -0.002 min
Response: 99995288
Conc: 447.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



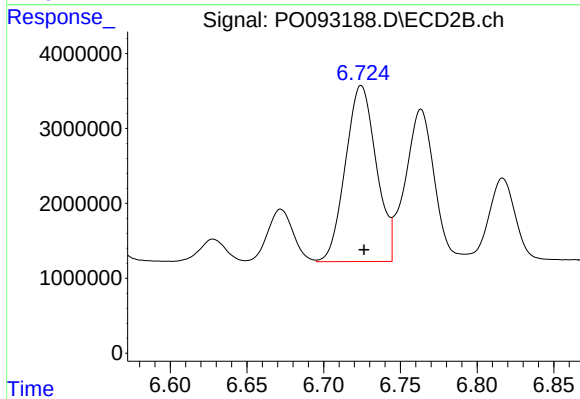
#35 AR-1260-5

R.T.: 7.267 min
Delta R.T.: -0.003 min
Response: 51926587
Conc: 441.06 ng/ml



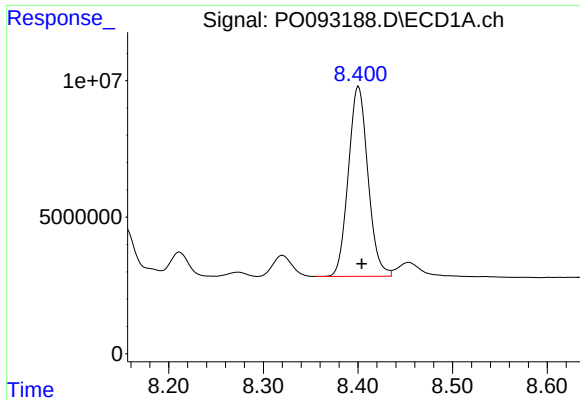
#36 AR-1262-1

R.T.: 7.767 min
Delta R.T.: -0.001 min
Response: 72273697
Conc: 727.07 ng/ml



#36 AR-1262-1

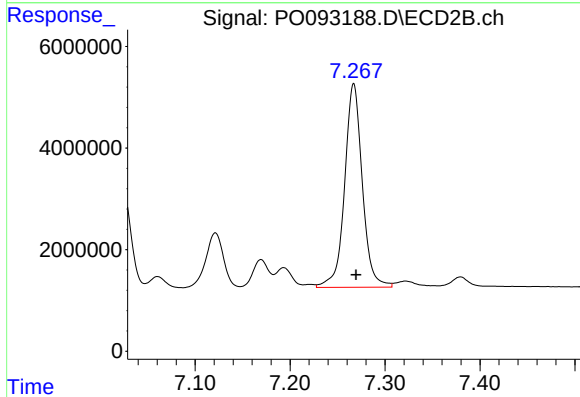
R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 32992912
Conc: 882.91 ng/ml



#37 AR-1262-2

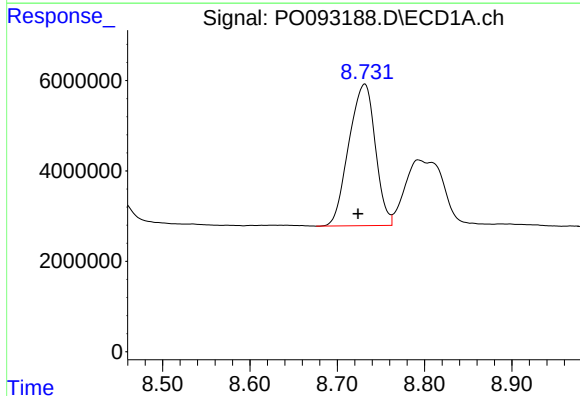
R.T.: 8.401 min
Delta R.T.: -0.003 min
Response: 99995288
Conc: 421.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



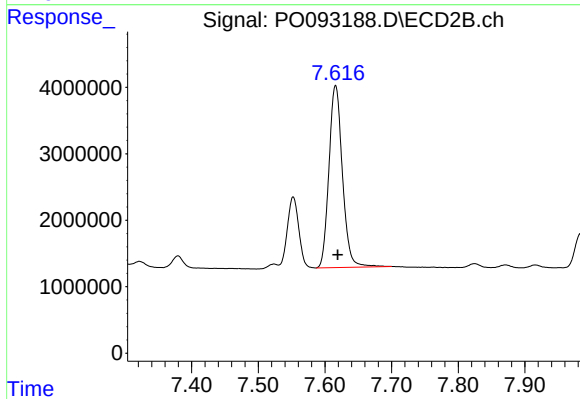
#37 AR-1262-2

R.T.: 7.267 min
Delta R.T.: -0.003 min
Response: 51926587
Conc: 436.05 ng/ml



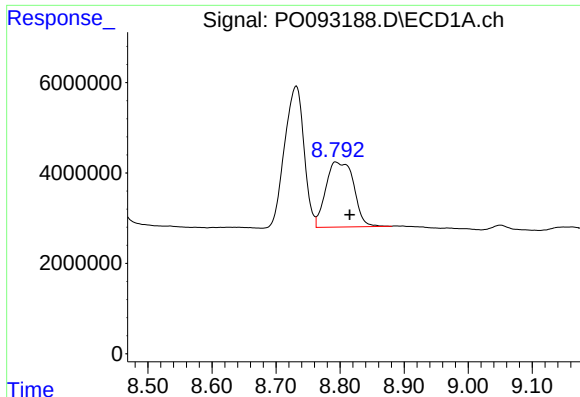
#38 AR-1262-3

R.T.: 8.732 min
Delta R.T.: 0.008 min
Response: 65903170
Conc: 390.23 ng/ml



#38 AR-1262-3

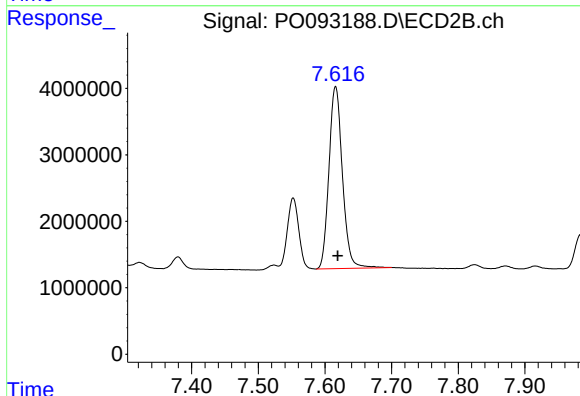
R.T.: 7.616 min
Delta R.T.: -0.003 min
Response: 38443456
Conc: 425.33 ng/ml



#39 AR-1262-4

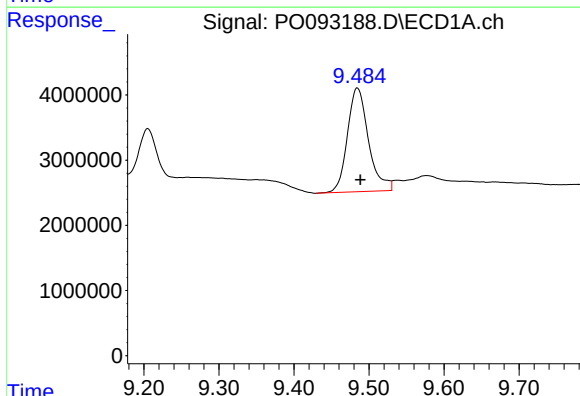
R.T.: 8.794 min
Delta R.T.: -0.021 min
Response: 43446000
Conc: 485.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



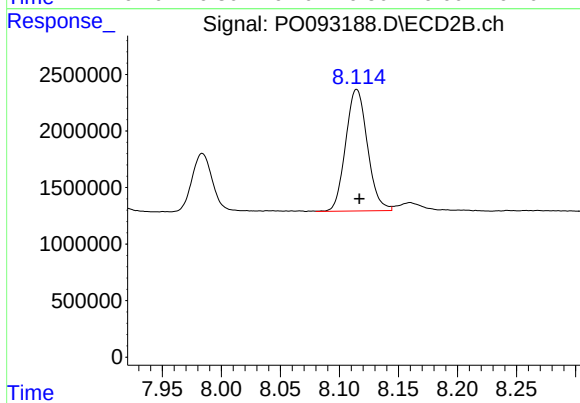
#39 AR-1262-4

R.T.: 7.616 min
Delta R.T.: -0.003 min
Response: 38443456
Conc: 425.33 ng/ml



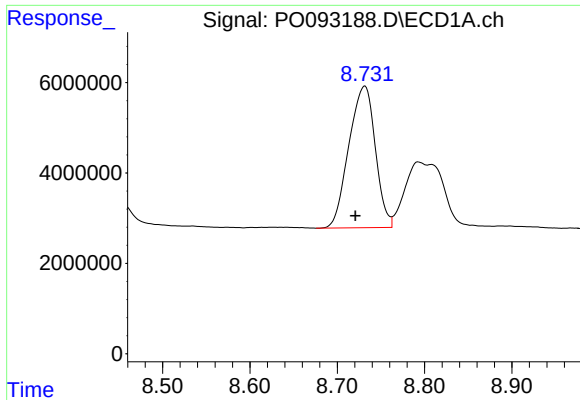
#40 AR-1262-5

R.T.: 9.485 min
Delta R.T.: -0.004 min
Response: 31146760
Conc: 326.11 ng/ml



#40 AR-1262-5

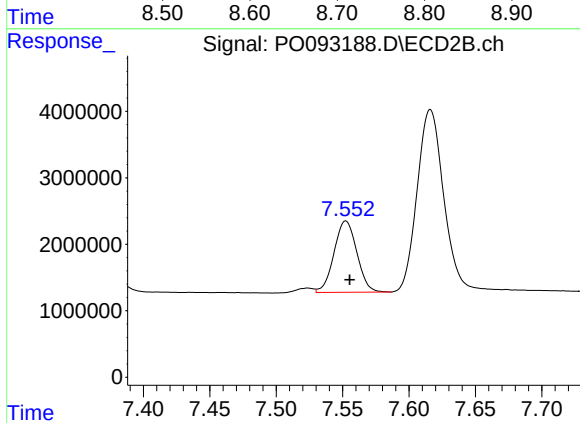
R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 13808029
Conc: 337.40 ng/ml



#41 AR-1268-1

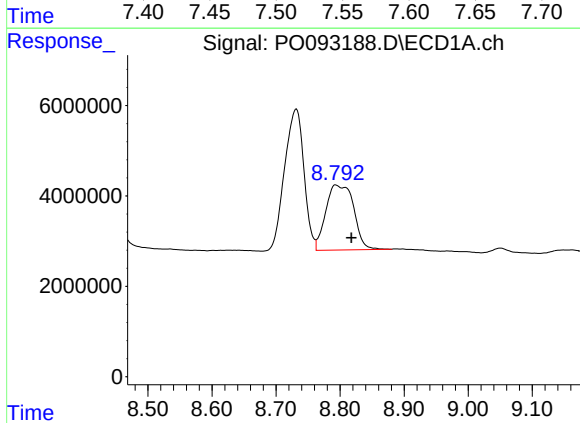
R.T.: 8.732 min
Delta R.T.: 0.011 min
Response: 65903170
Conc: 206.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



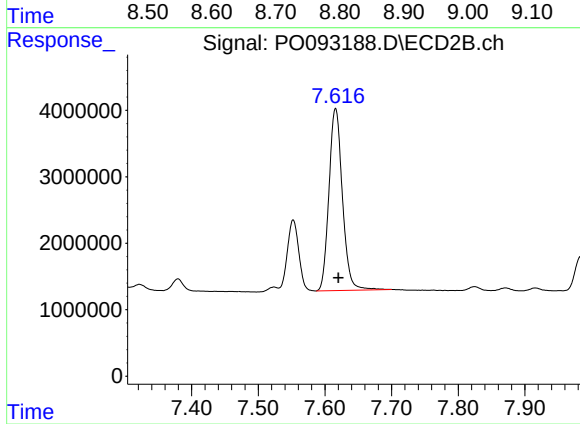
#41 AR-1268-1

R.T.: 7.552 min
Delta R.T.: -0.003 min
Response: 12870584
Conc: 82.24 ng/ml



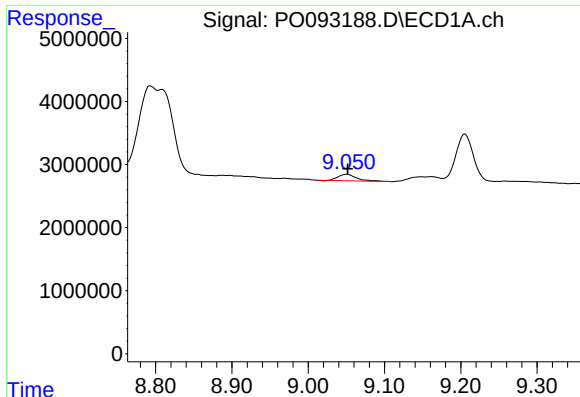
#42 AR-1268-2

R.T.: 8.794 min
Delta R.T.: -0.024 min
Response: 43446000
Conc: 149.65 ng/ml



#42 AR-1268-2

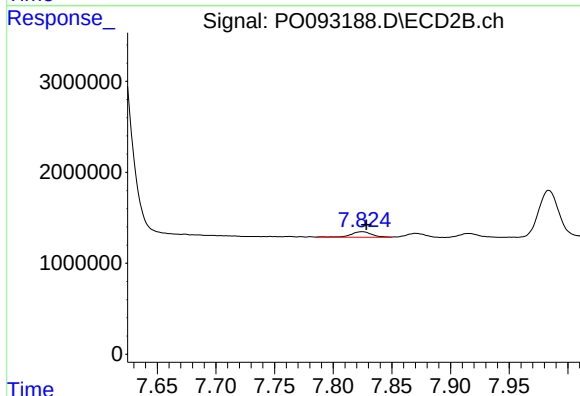
R.T.: 7.616 min
Delta R.T.: -0.004 min
Response: 38443456
Conc: 275.35 ng/ml



#43 AR-1268-3

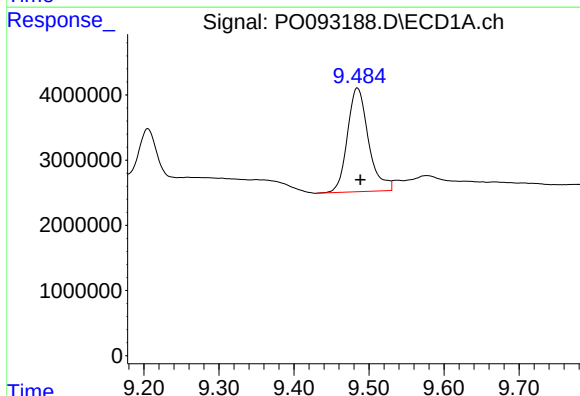
R.T.: 9.050 min
Delta R.T.: -0.002 min
Response: 1723015
Conc: 6.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



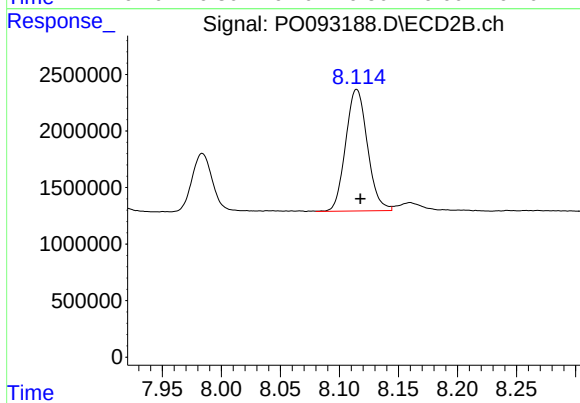
#43 AR-1268-3

R.T.: 7.825 min
Delta R.T.: -0.004 min
Response: 745722
Conc: 5.99 ng/ml



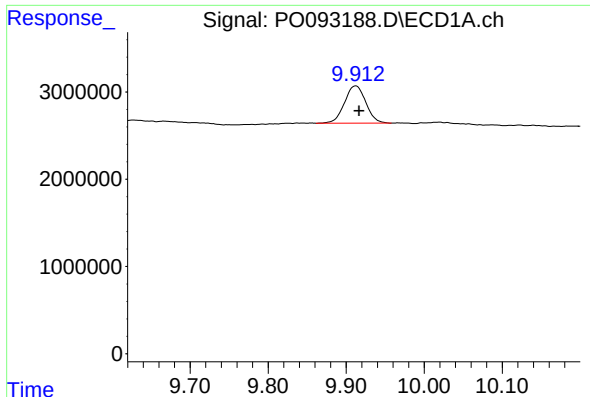
#44 AR-1268-4

R.T.: 9.485 min
Delta R.T.: -0.004 min
Response: 31146760
Conc: 291.65 ng/ml



#44 AR-1268-4

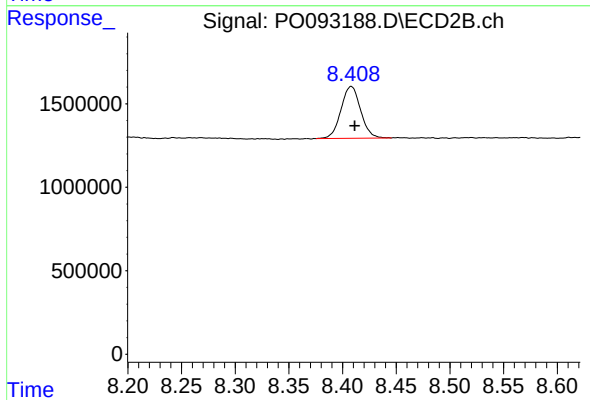
R.T.: 8.115 min
Delta R.T.: -0.003 min
Response: 13808029
Conc: 280.01 ng/ml



#45 AR-1268-5

R.T.: 9.912 min
Delta R.T.: -0.004 min
Response: 8112311
Conc: 10.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.408 min
Delta R.T.: -0.003 min
Response: 3959585
Conc: 11.21 ng/ml