

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032819\
 Data File : P0054723.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Mar 2019 10:29
 Operator : SM/SJ
 Sample : K2097-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 CS-21RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 00:57:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 17:22:26 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.302	3.619	470837	472829	13.567	14.816
2)	SA Decachlor...	9.919	8.595	426074	313254	8.643	9.836
Target Compounds							
3)	L1 AR-1016-1	0.000	4.638	0	13693	N.D.	8.659 #
4)	L1 AR-1016-2	0.000	4.786	0	10441	N.D.	4.873 #
5)	L1 AR-1016-3	0.000	4.832	0	19796	N.D.	16.384 #
6)	L1 AR-1016-4	5.624	0.000	49699	0	38.140	N.D. #
7)	L1 AR-1016-5	0.000	5.149	0	48063	N.D.	36.875 #
9)	L2 AR-1221-2	0.000	3.915	0	32151	N.D.	107.244 #
10)	L2 AR-1221-3	0.000	4.035	0	218399	N.D.	236.932 #
11)	L3 AR-1232-1	0.000	4.035	0	218399	N.D.	291.241 #
12)	L3 AR-1232-2	0.000	4.786	0	10441	N.D.	12.125 #
13)	L3 AR-1232-3	0.000	4.832	0	19796	N.D.	40.852 #
14)	L3 AR-1232-4	5.624	0.000	49699	0	97.097	N.D. #
15)	L3 AR-1232-5	0.000	5.149	0	48063	N.D.	98.821 #
16)	L4 AR-1242-1	0.000	4.638	0	13693	N.D.	11.153 #
17)	L4 AR-1242-2	0.000	4.786	0	10441	N.D.	6.300 #
18)	L4 AR-1242-3	0.000	4.832	0	19796	N.D.	20.896 #
19)	L4 AR-1242-4	5.624	0.000	49699	0	48.746	N.D. #
20)	L4 AR-1242-5	6.399	5.497	1521972	20801	1260.785	16.913 #
21)	L5 AR-1248-1	0.000	4.638	0	13693	N.D.	15.600 #
24)	L5 AR-1248-4	6.314	5.149	182234	48063	97.008	31.558 #
25)	L5 AR-1248-5	6.399	5.522	1521972	151621	848.935	101.699 #
26)	L6 AR-1254-1	6.314	5.497	182234	20801	100.505	9.518 #
27)	L6 AR-1254-2	6.531	5.678	20884	3320432	7.315	1712.485 #
28)	L6 AR-1254-3	6.898	6.044	119932	273089	38.138	85.189 #
29)	L6 AR-1254-4	7.179	6.273	136406	58853	55.759	30.059 #
30)	L6 AR-1254-5	7.596	6.686	467065	362004	174.258	125.927 #
31)	L7 AR-1260-1	7.057	6.172	192203	310601	76.494	135.157 #
32)	L7 AR-1260-2	7.312	6.358	338638	261941	109.114	95.156
33)	L7 AR-1260-3	7.671	6.514	192460	186799	78.416	72.461
34)	L7 AR-1260-4	7.894	6.982	259753	149189	93.909	70.102 #
35)	L7 AR-1260-5	8.205	7.222	352427	377584	63.516	78.839
36)	L8 AR-1262-1	7.671	6.723	192460	168005	57.760	56.473
37)	L8 AR-1262-2	8.205	7.222	352427	377584	59.487	77.040 #
38)	L8 AR-1262-3	8.516	7.506	266515	110079	64.332	53.607
39)	L8 AR-1262-4	8.570	7.567	131411	395650	40.786	109.231 #
40)	L8 AR-1262-5	9.213	8.059	86136	76425	39.398	47.355
41)	L9 AR-1268-1	8.516	7.506	266515	110079	37.445	19.469 #
42)	L9 AR-1268-2	8.570	7.567	131411	395650	20.057	76.505 #
43)	L9 AR-1268-3	0.000	7.774	0	16977	N.D.	3.945 #
44)	L9 AR-1268-4	9.213	8.059	86136	76425	36.104	41.225

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 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
45) L9	AR-1268-5	9.604	8.345	48526	31421	2.945	2.760

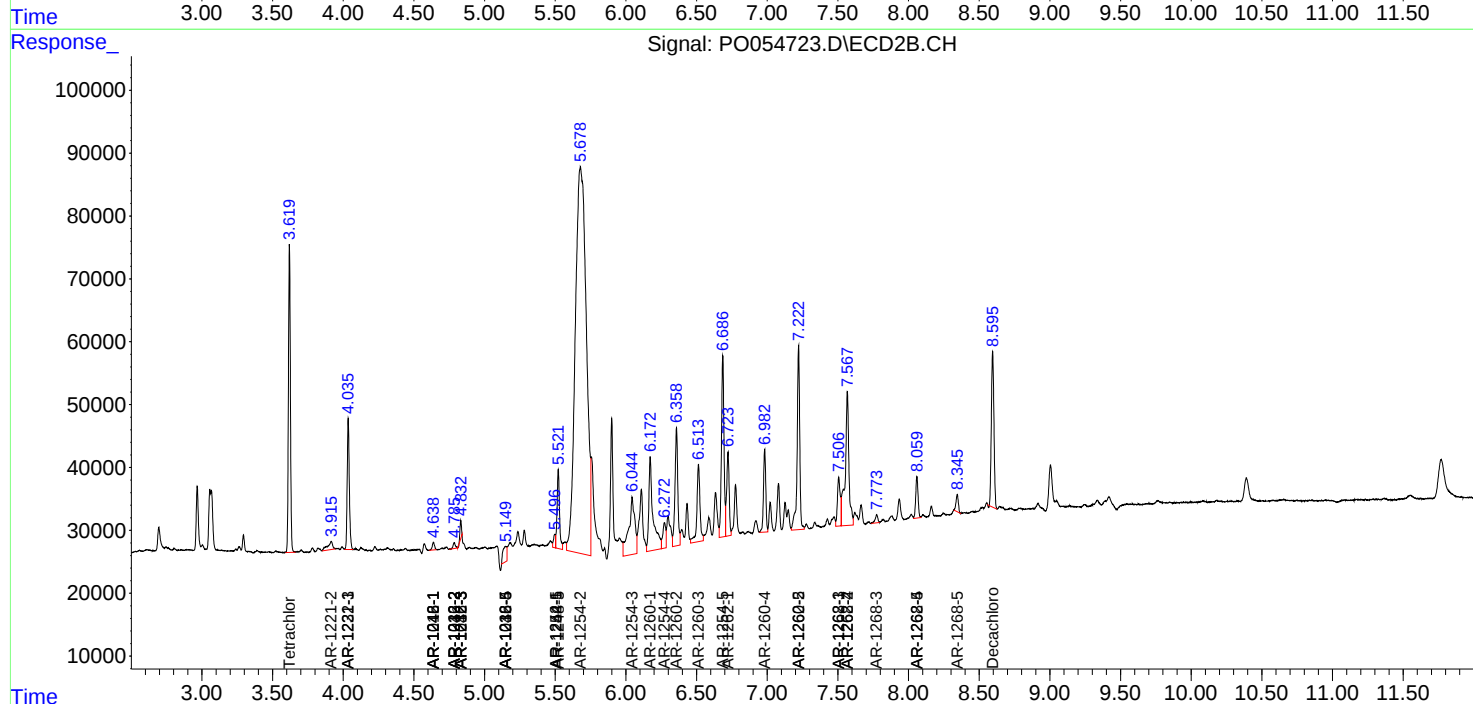
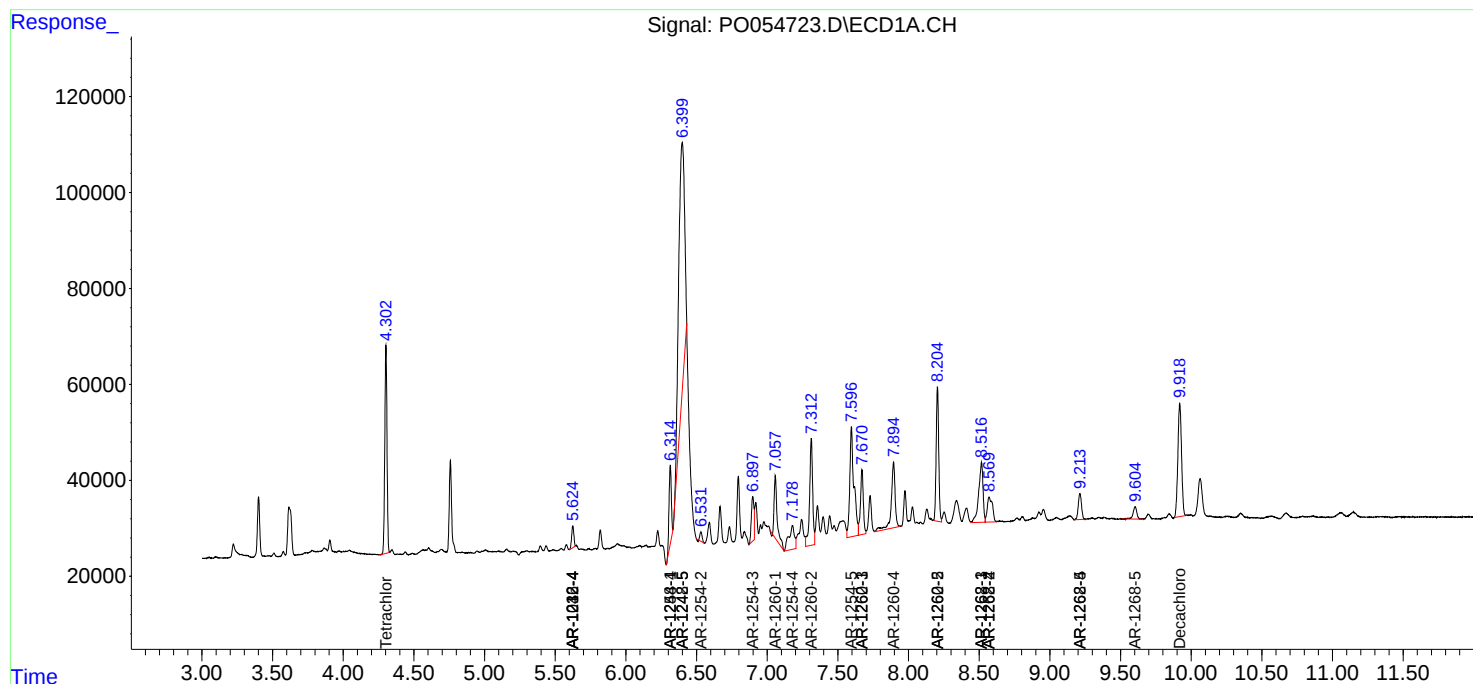
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

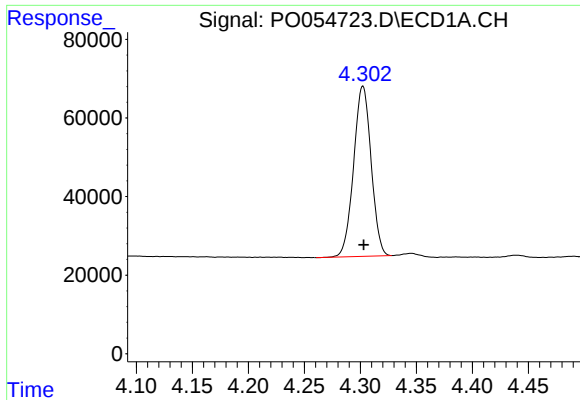
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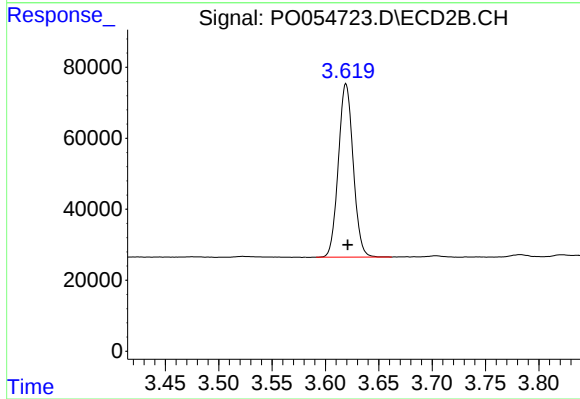




#1 Tetrachloro-m-xylene

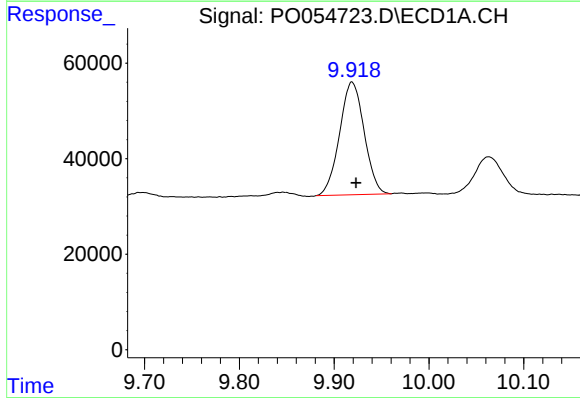
R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 470837
Conc: 13.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
CS-21RE



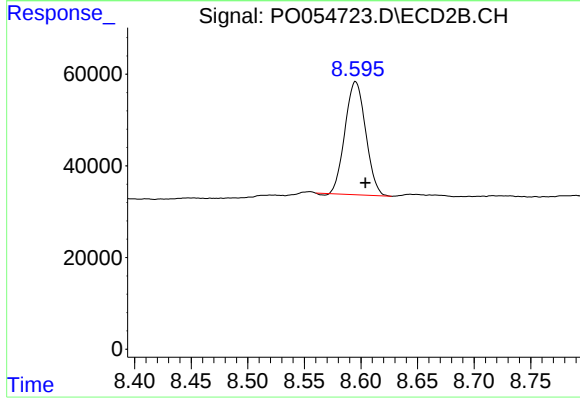
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 472829
Conc: 14.82 ng/ml



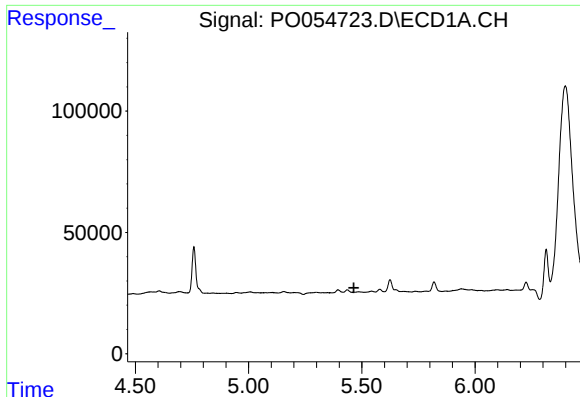
#2 Decachlorobiphenyl

R.T.: 9.919 min
Delta R.T.: -0.004 min
Response: 426074
Conc: 8.64 ng/ml



#2 Decachlorobiphenyl

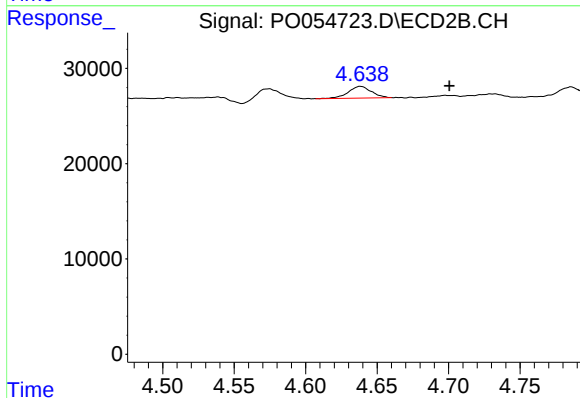
R.T.: 8.595 min
Delta R.T.: -0.009 min
Response: 313254
Conc: 9.84 ng/ml



#3 AR-1016-1

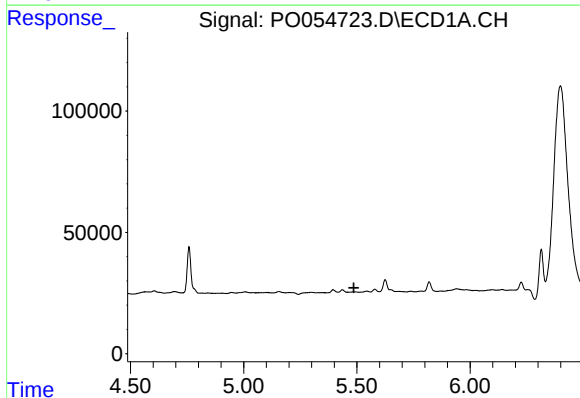
R.T.: 0.000 min
Exp R.T.: 5.465 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CS-21RE



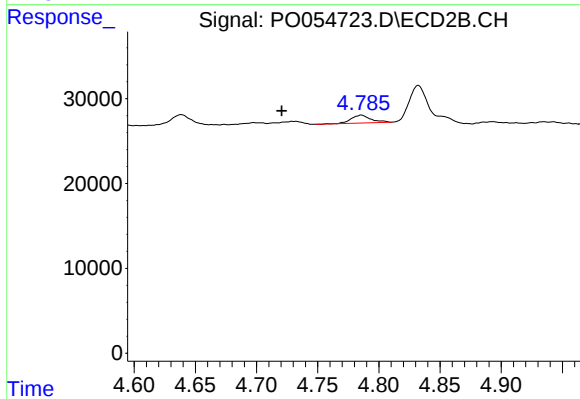
#3 AR-1016-1

R.T.: 4.638 min
Delta R.T.: -0.062 min
Response: 13693
Conc: 8.66 ng/ml



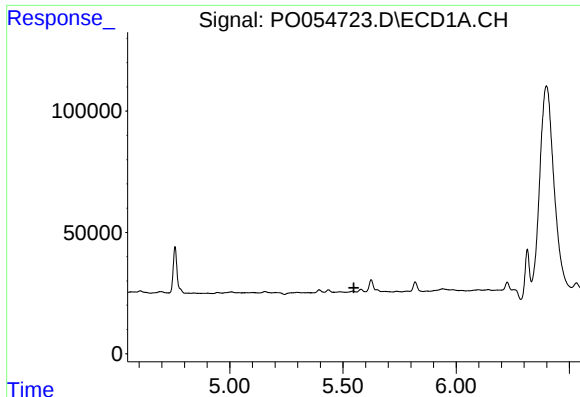
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.487 min
Response: 0
Conc: N.D.



#4 AR-1016-2

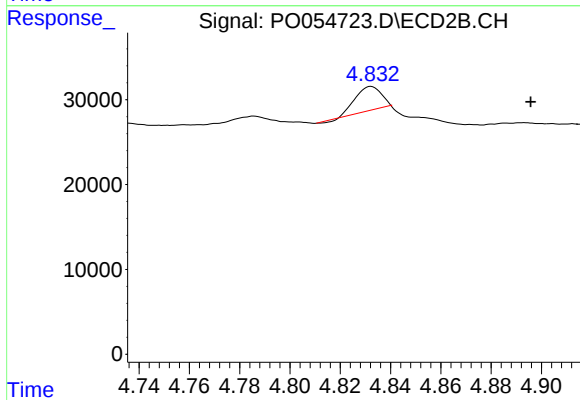
R.T.: 4.786 min
Delta R.T.: 0.065 min
Response: 10441
Conc: 4.87 ng/ml



#5 AR-1016-3

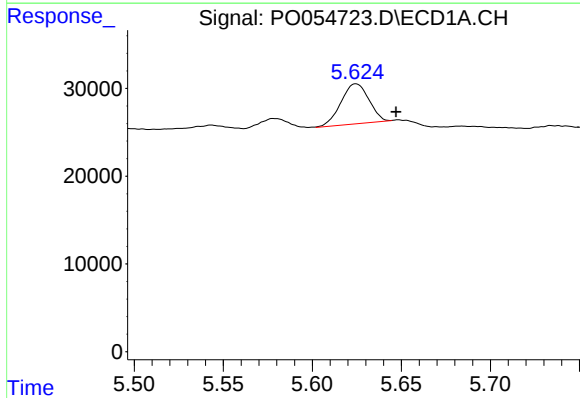
R.T.: 0.000 min
Exp R.T.: 5.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CS-21RE



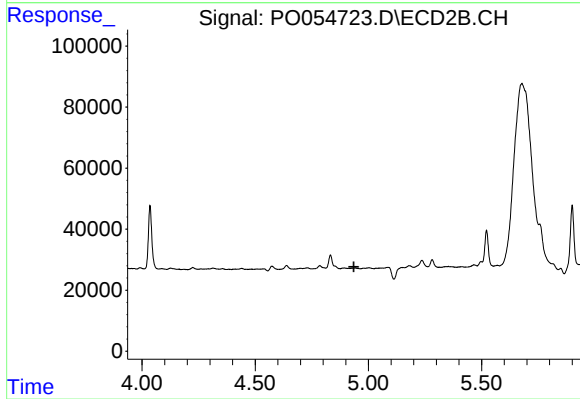
#5 AR-1016-3

R.T.: 4.832 min
Delta R.T.: -0.063 min
Response: 19796
Conc: 16.38 ng/ml



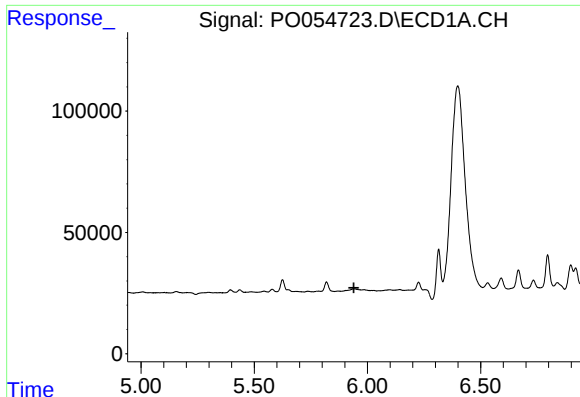
#6 AR-1016-4

R.T.: 5.624 min
Delta R.T.: -0.023 min
Response: 49699
Conc: 38.14 ng/ml



#6 AR-1016-4

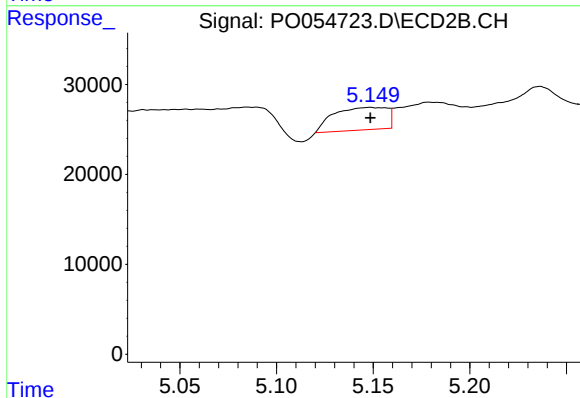
R.T.: 0.000 min
Exp R.T.: 4.936 min
Response: 0
Conc: N.D.



#7 AR-1016-5

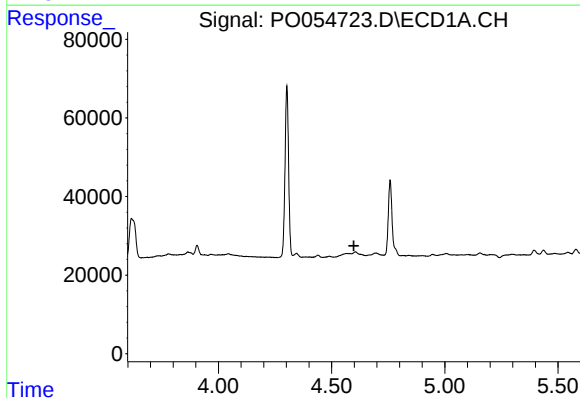
R.T.: 0.000 min
Exp R.T.: 5.940 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CS-21RE



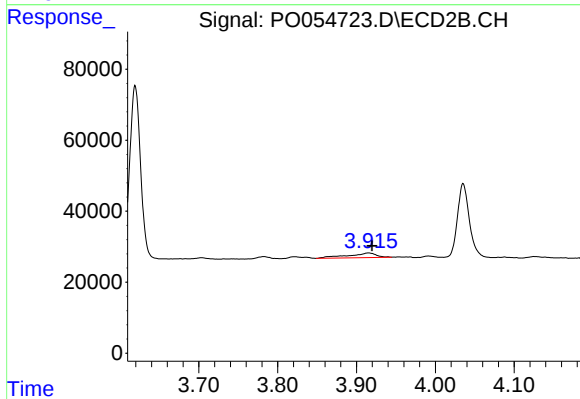
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 48063
Conc: 36.87 ng/ml



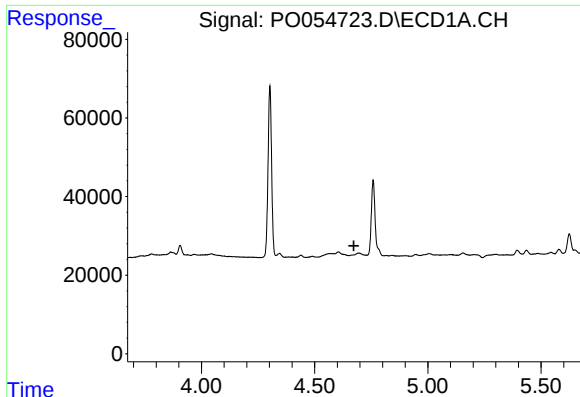
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.598 min
Response: 0
Conc: N.D.



#9 AR-1221-2

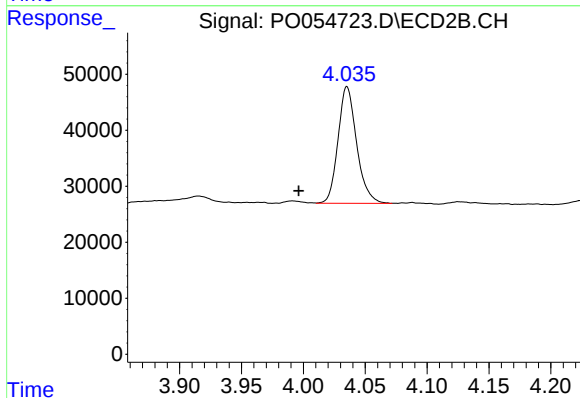
R.T.: 3.915 min
Delta R.T.: -0.005 min
Response: 32151
Conc: 107.24 ng/ml



#10 AR-1221-3

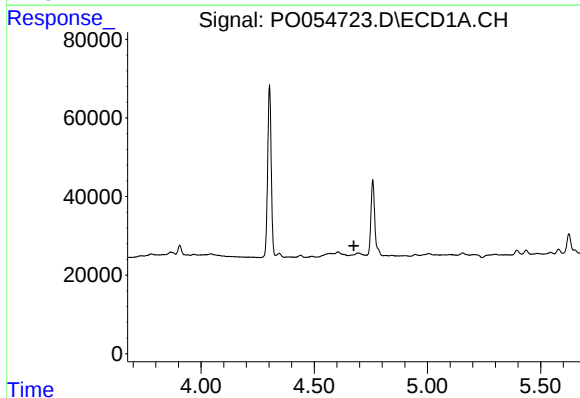
R.T.: 0.000 min
Exp R.T.: 4.673 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CS-21RE



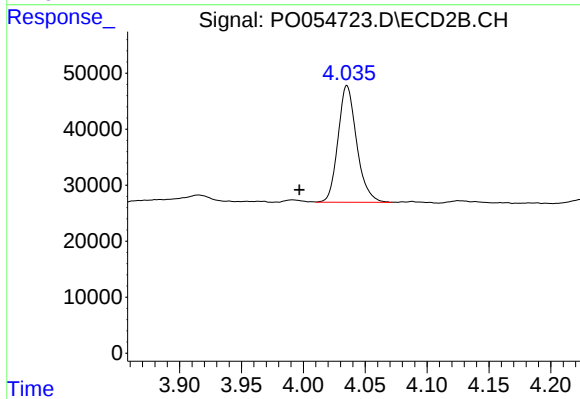
#10 AR-1221-3

R.T.: 4.035 min
Delta R.T.: 0.039 min
Response: 218399
Conc: 236.93 ng/ml



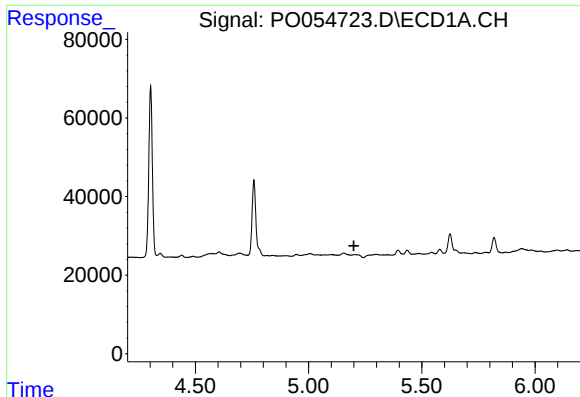
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.675 min
Response: 0
Conc: N.D.



#11 AR-1232-1

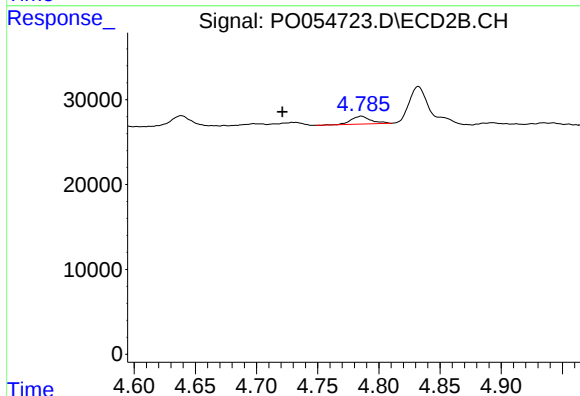
R.T.: 4.035 min
Delta R.T.: 0.039 min
Response: 218399
Conc: 291.24 ng/ml



#12 AR-1232-2

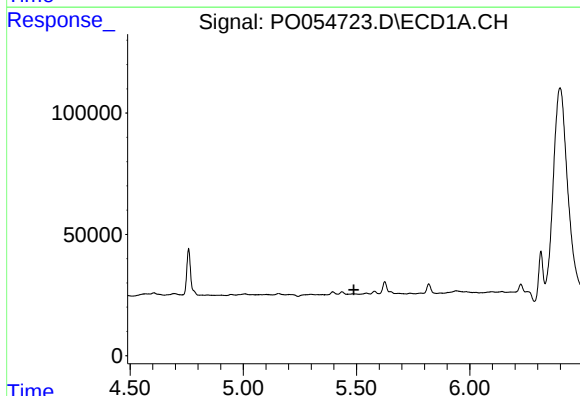
R.T.: 0.000 min
Exp R.T.: 5.200 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CS-21RE



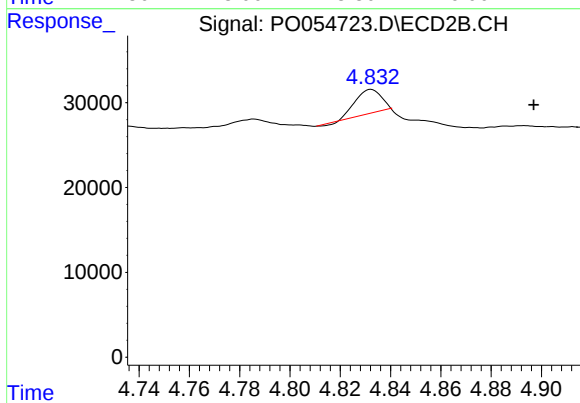
#12 AR-1232-2

R.T.: 4.786 min
Delta R.T.: 0.065 min
Response: 10441
Conc: 12.12 ng/ml



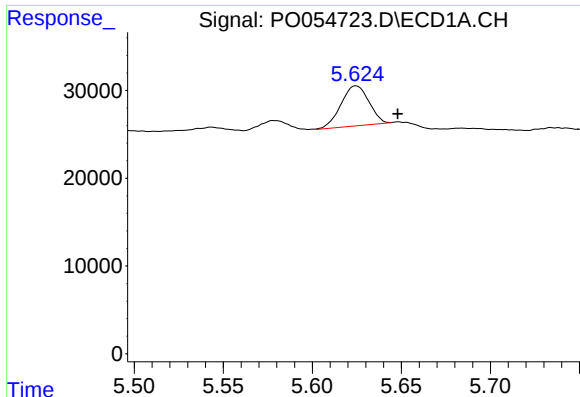
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.488 min
Response: 0
Conc: N.D.



#13 AR-1232-3

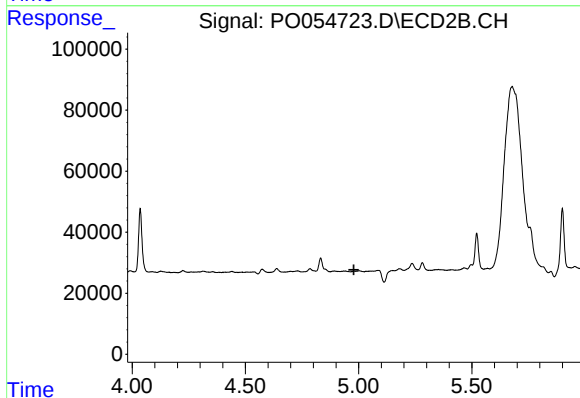
R.T.: 4.832 min
Delta R.T.: -0.065 min
Response: 19796
Conc: 40.85 ng/ml



#14 AR-1232-4

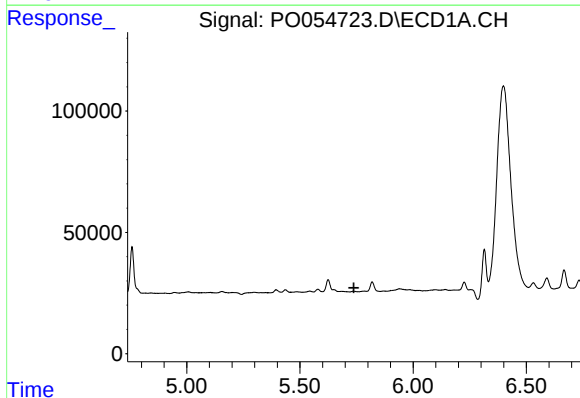
R.T.: 5.624 min
Delta R.T.: -0.024 min
Response: 49699
Conc: 97.10 ng/ml

Instrument :
ECD_O
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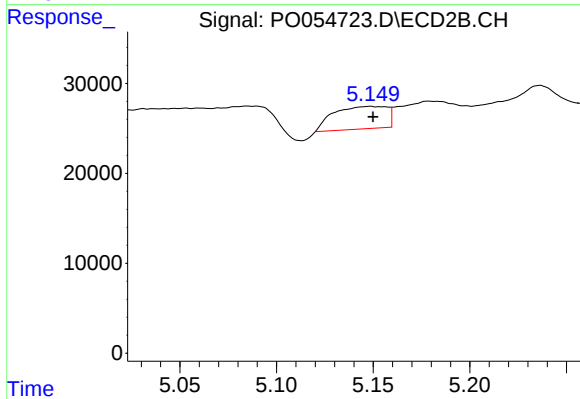
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.979 min
Response: 0
Conc: N.D.



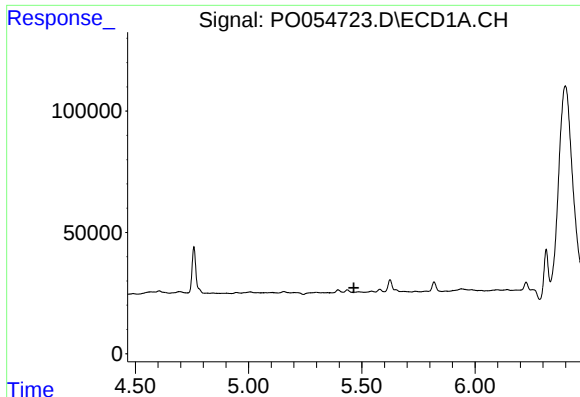
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.738 min
Response: 0
Conc: N.D.



#15 AR-1232-5

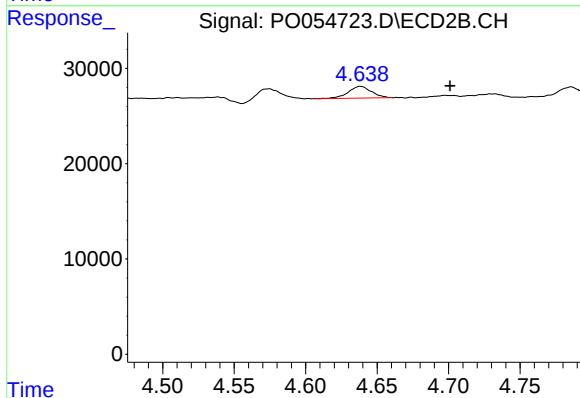
R.T.: 5.149 min
Delta R.T.: -0.001 min
Response: 48063
Conc: 98.82 ng/ml



#16 AR-1242-1

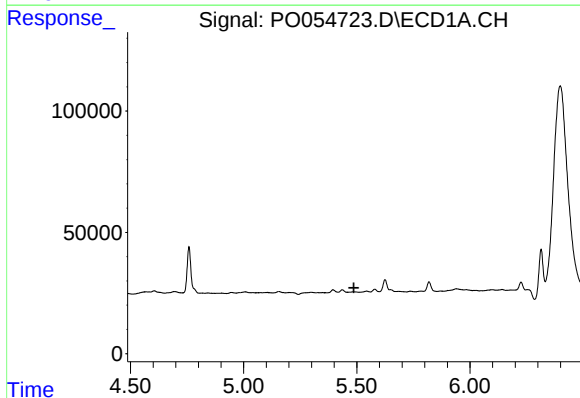
R.T.: 0.000 min
Exp R.T.: 5.465 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
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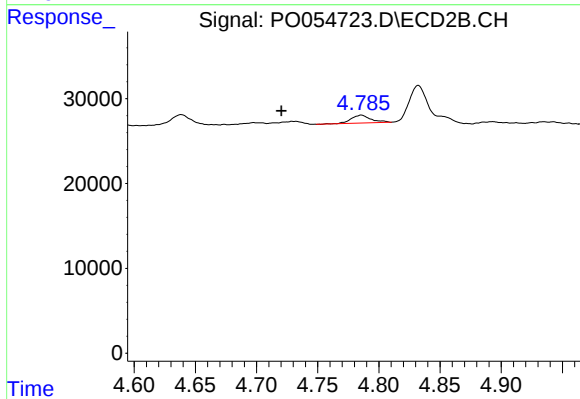
#16 AR-1242-1

R.T.: 4.638 min
Delta R.T.: -0.063 min
Response: 13693
Conc: 11.15 ng/ml



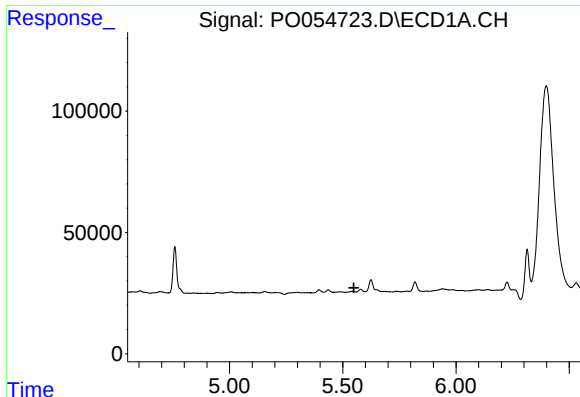
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.487 min
Response: 0
Conc: N.D.



#17 AR-1242-2

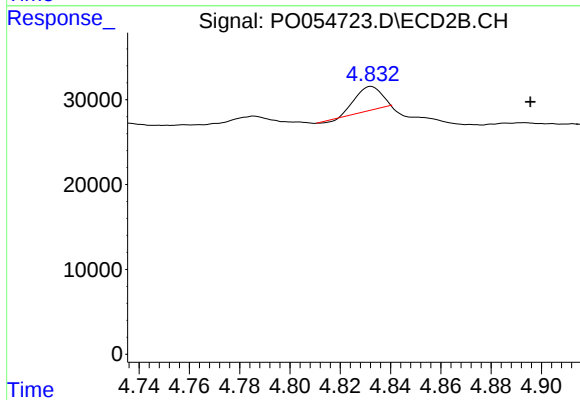
R.T.: 4.786 min
Delta R.T.: 0.065 min
Response: 10441
Conc: 6.30 ng/ml



#18 AR-1242-3

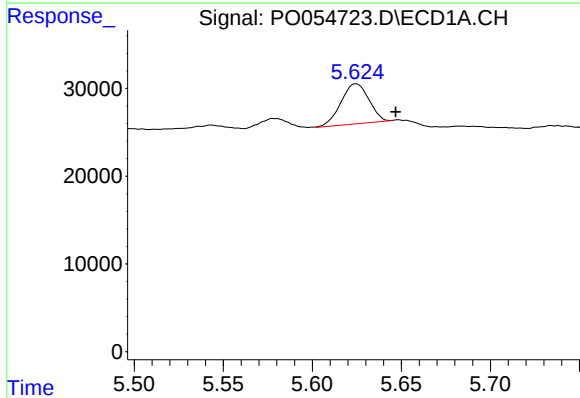
R.T.: 0.000 min
Exp R.T.: 5.549 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CS-21RE



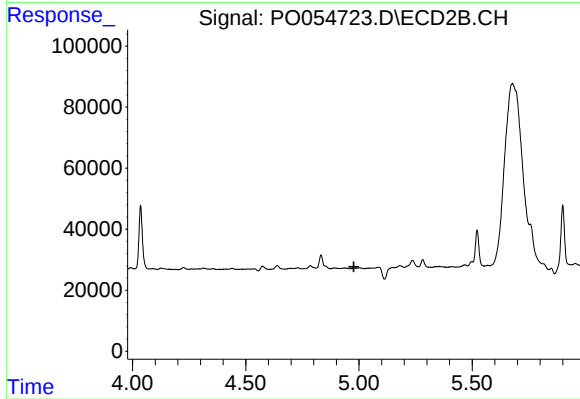
#18 AR-1242-3

R.T.: 4.832 min
Delta R.T.: -0.063 min
Response: 19796
Conc: 20.90 ng/ml



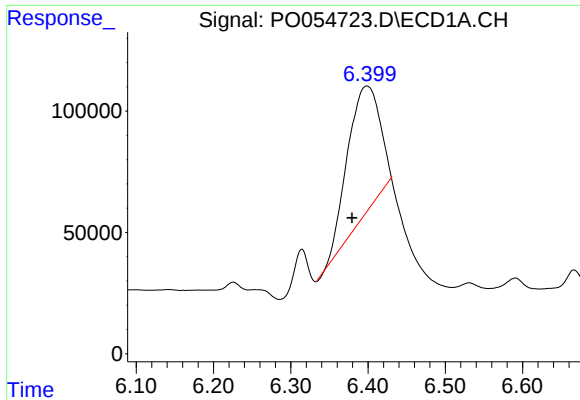
#19 AR-1242-4

R.T.: 5.624 min
Delta R.T.: -0.022 min
Response: 49699
Conc: 48.75 ng/ml



#19 AR-1242-4

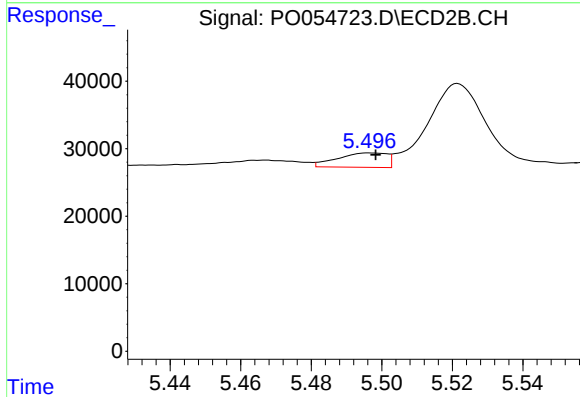
R.T.: 0.000 min
Exp R.T.: 4.978 min
Response: 0
Conc: N.D.



#20 AR-1242-5

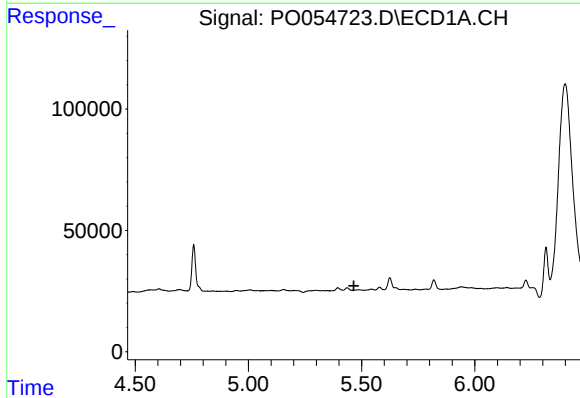
R.T.: 6.399 min
Delta R.T.: 0.019 min
Response: 1521972
Conc: 1260.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
CS-21RE



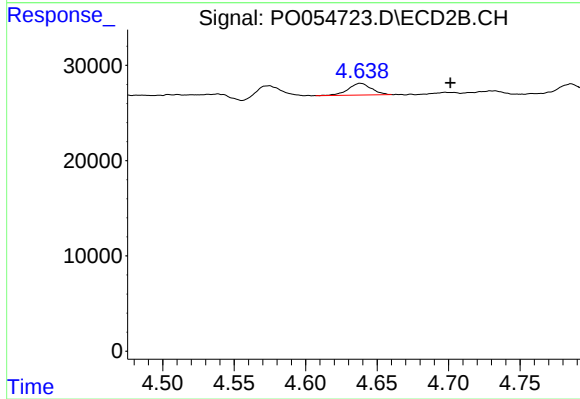
#20 AR-1242-5

R.T.: 5.497 min
Delta R.T.: -0.002 min
Response: 20801
Conc: 16.91 ng/ml



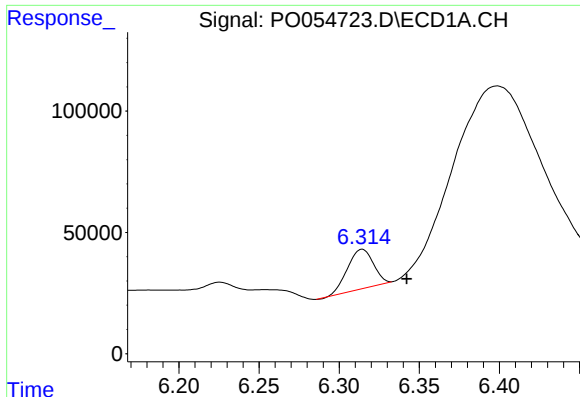
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.466 min
Response: 0
Conc: N.D.



#21 AR-1248-1

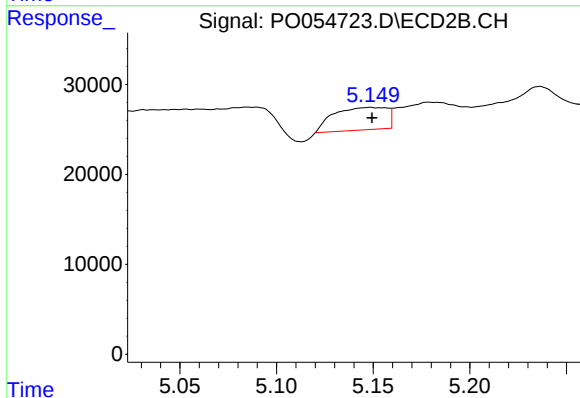
R.T.: 4.638 min
Delta R.T.: -0.063 min
Response: 13693
Conc: 15.60 ng/ml



#24 AR-1248-4

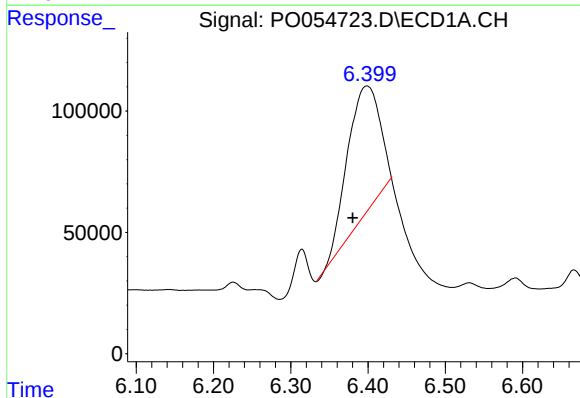
R.T.: 6.314 min
Delta R.T.: -0.028 min
Response: 182234
Conc: 97.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
CS-21RE



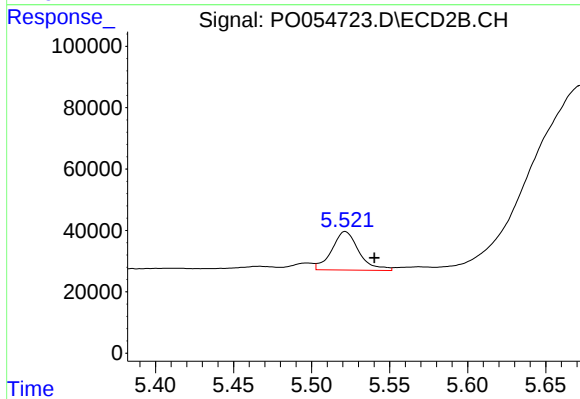
#24 AR-1248-4

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 48063
Conc: 31.56 ng/ml



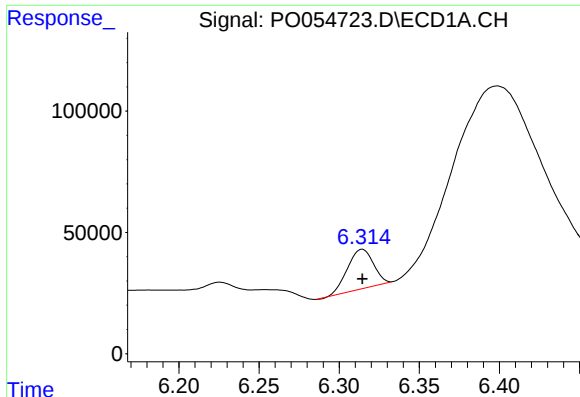
#25 AR-1248-5

R.T.: 6.399 min
Delta R.T.: 0.018 min
Response: 1521972
Conc: 848.94 ng/ml



#25 AR-1248-5

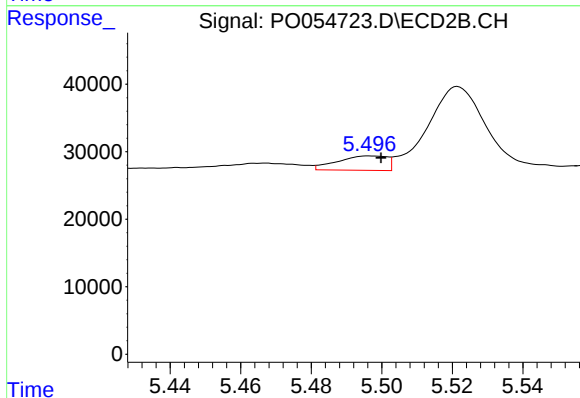
R.T.: 5.522 min
Delta R.T.: -0.019 min
Response: 151621
Conc: 101.70 ng/ml



#26 AR-1254-1

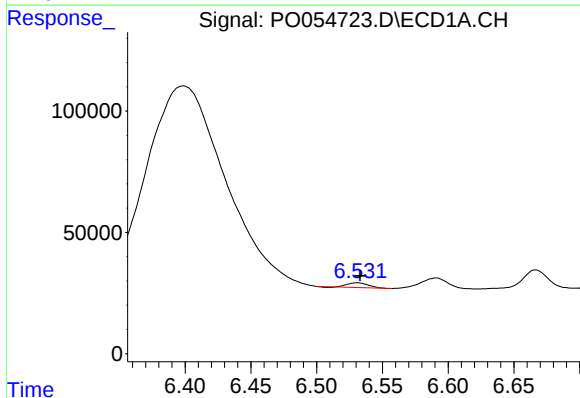
R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 182234
Conc: 100.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
CS-21RE



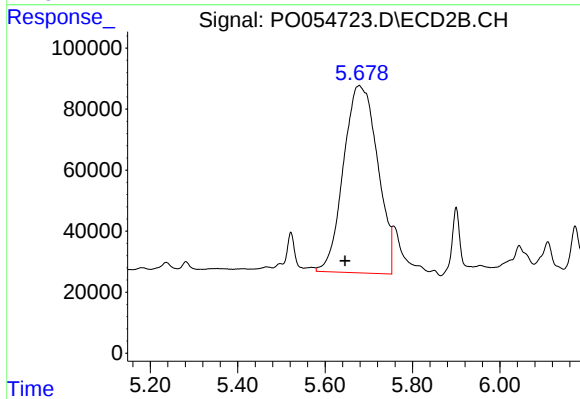
#26 AR-1254-1

R.T.: 5.497 min
Delta R.T.: -0.003 min
Response: 20801
Conc: 9.52 ng/ml



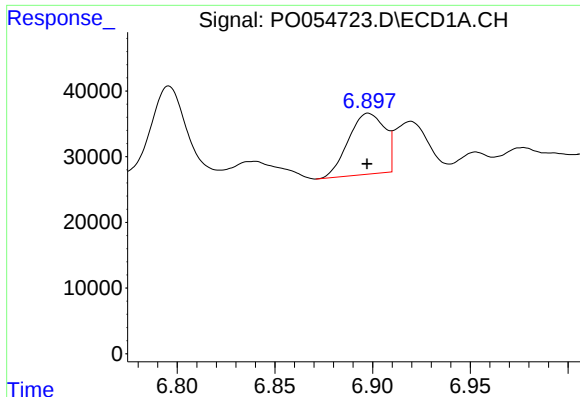
#27 AR-1254-2

R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 20884
Conc: 7.32 ng/ml



#27 AR-1254-2

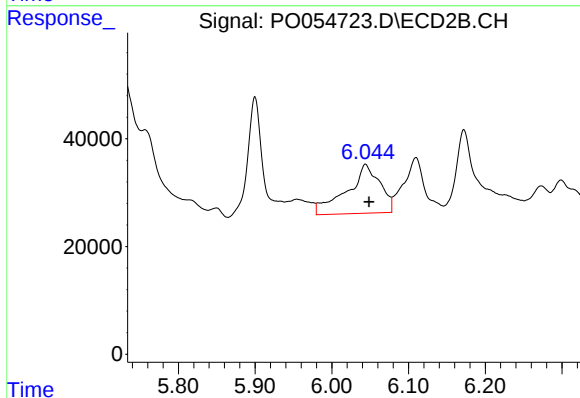
R.T.: 5.678 min
Delta R.T.: 0.033 min
Response: 3320432
Conc: 1712.49 ng/ml



#28 AR-1254-3

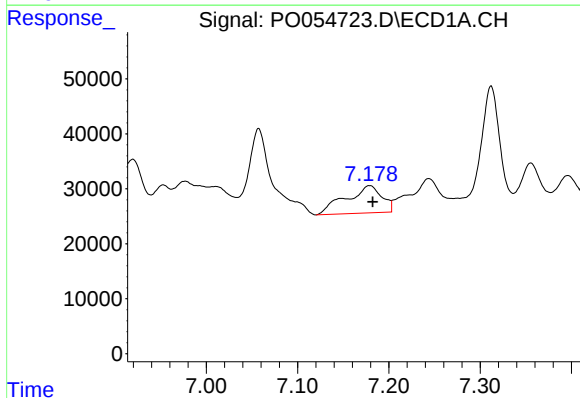
R.T.: 6.898 min
Delta R.T.: 0.000 min
Response: 119932
Conc: 38.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
CS-21RE



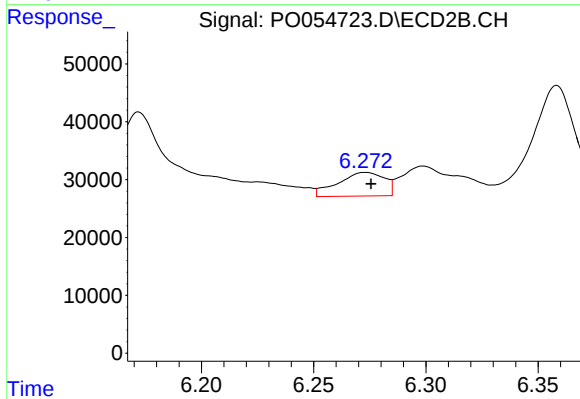
#28 AR-1254-3

R.T.: 6.044 min
Delta R.T.: -0.005 min
Response: 273089
Conc: 85.19 ng/ml



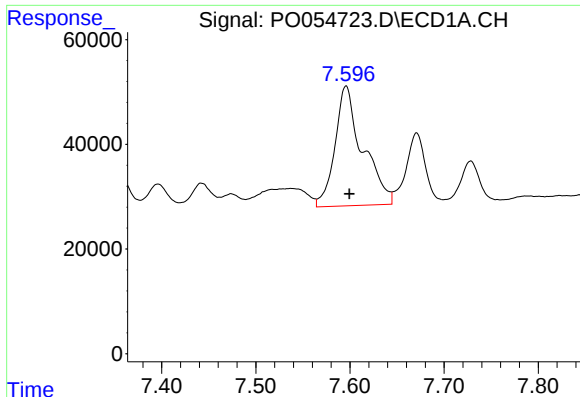
#29 AR-1254-4

R.T.: 7.179 min
Delta R.T.: -0.003 min
Response: 136406
Conc: 55.76 ng/ml



#29 AR-1254-4

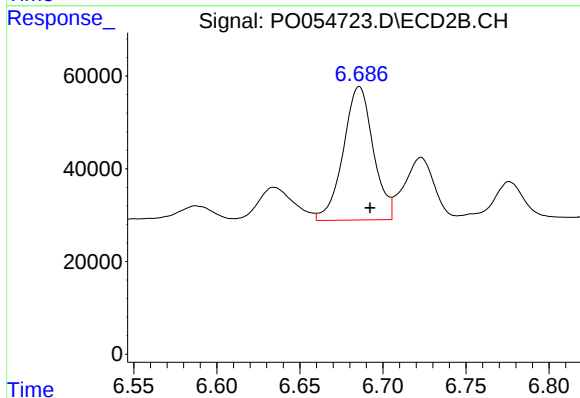
R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 58853
Conc: 30.06 ng/ml



#30 AR-1254-5

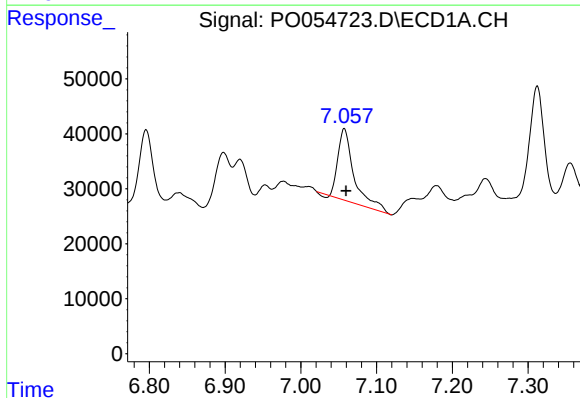
R.T.: 7.596 min
Delta R.T.: -0.004 min
Response: 467065
Conc: 174.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
CS-21RE



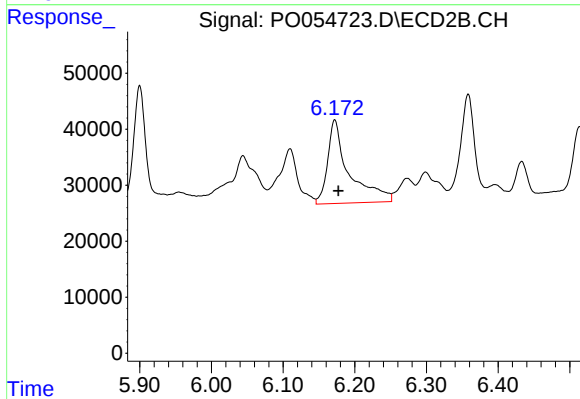
#30 AR-1254-5

R.T.: 6.686 min
Delta R.T.: -0.006 min
Response: 362004
Conc: 125.93 ng/ml



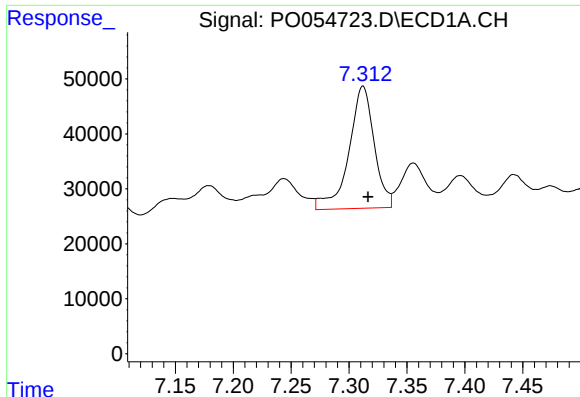
#31 AR-1260-1

R.T.: 7.057 min
Delta R.T.: -0.002 min
Response: 192203
Conc: 76.49 ng/ml



#31 AR-1260-1

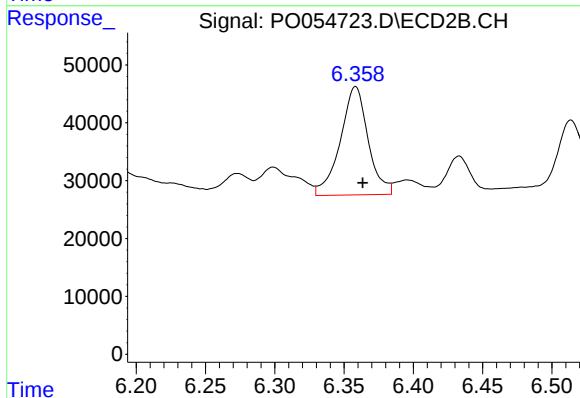
R.T.: 6.172 min
Delta R.T.: -0.005 min
Response: 310601
Conc: 135.16 ng/ml



#32 AR-1260-2

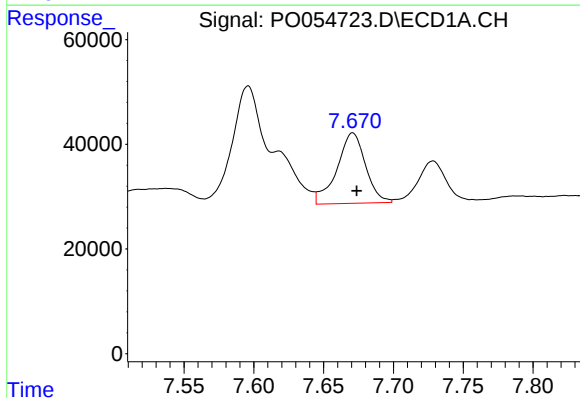
R.T.: 7.312 min
Delta R.T.: -0.004 min
Response: 338638
Conc: 109.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
CS-21RE



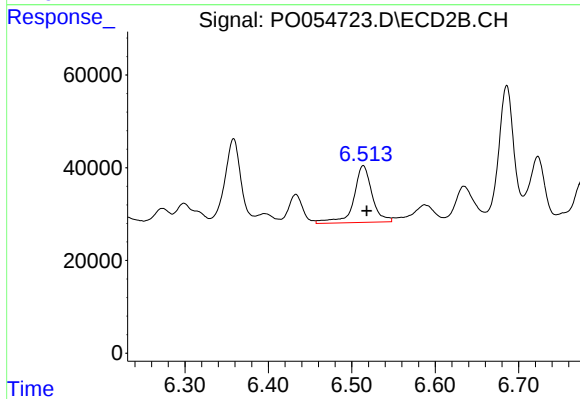
#32 AR-1260-2

R.T.: 6.358 min
Delta R.T.: -0.005 min
Response: 261941
Conc: 95.16 ng/ml



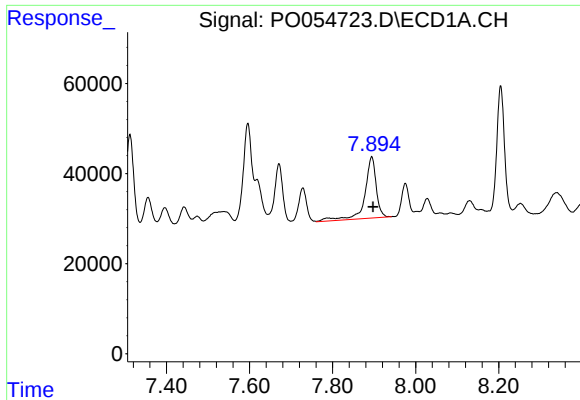
#33 AR-1260-3

R.T.: 7.671 min
Delta R.T.: -0.003 min
Response: 192460
Conc: 78.42 ng/ml



#33 AR-1260-3

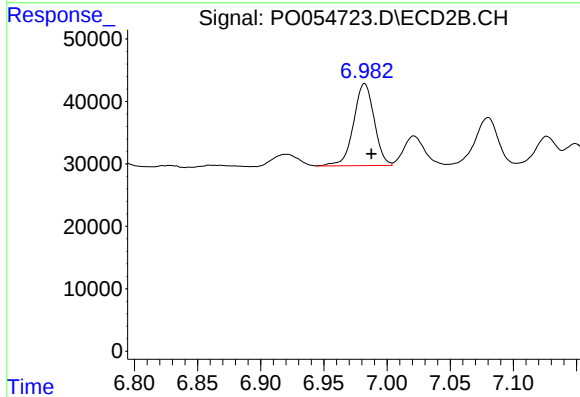
R.T.: 6.514 min
Delta R.T.: -0.004 min
Response: 186799
Conc: 72.46 ng/ml



#34 AR-1260-4

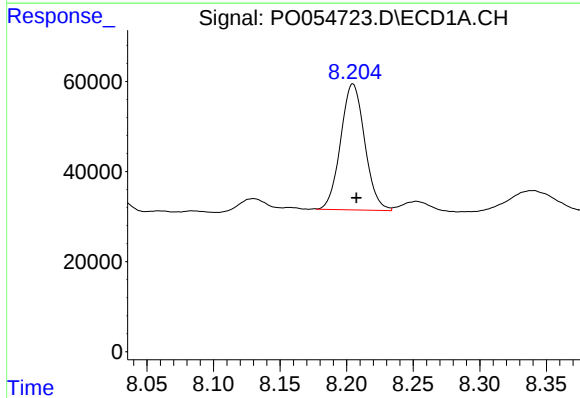
R.T.: 7.894 min
Delta R.T.: -0.003 min
Response: 259753
Conc: 93.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
CS-21RE



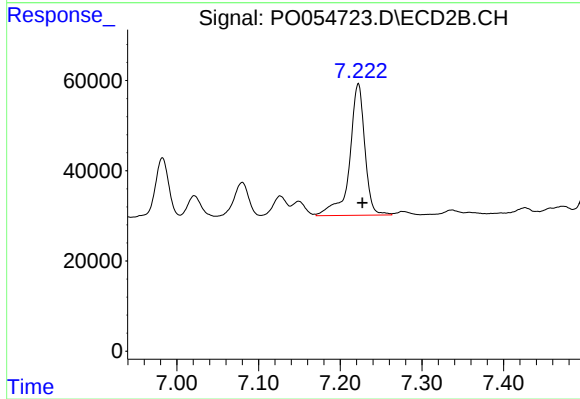
#34 AR-1260-4

R.T.: 6.982 min
Delta R.T.: -0.005 min
Response: 149189
Conc: 70.10 ng/ml



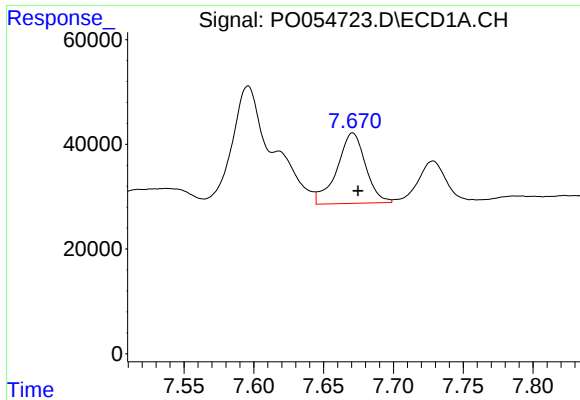
#35 AR-1260-5

R.T.: 8.205 min
Delta R.T.: -0.002 min
Response: 352427
Conc: 63.52 ng/ml



#35 AR-1260-5

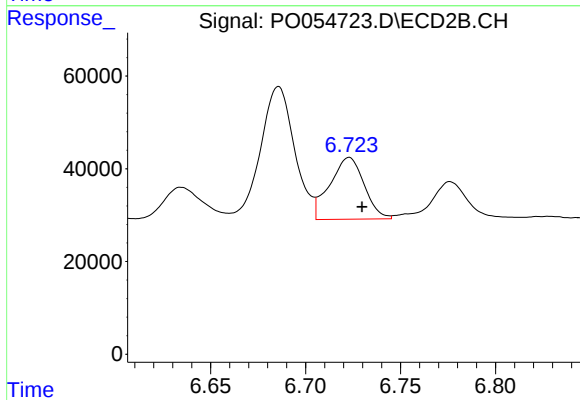
R.T.: 7.222 min
Delta R.T.: -0.005 min
Response: 377584
Conc: 78.84 ng/ml



#36 AR-1262-1

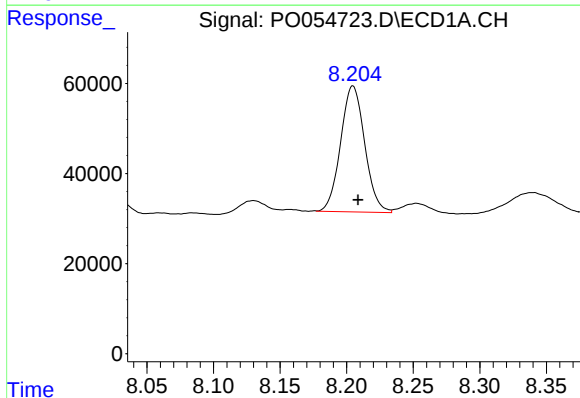
R.T.: 7.671 min
Delta R.T.: -0.004 min
Response: 192460
Conc: 57.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
CS-21RE



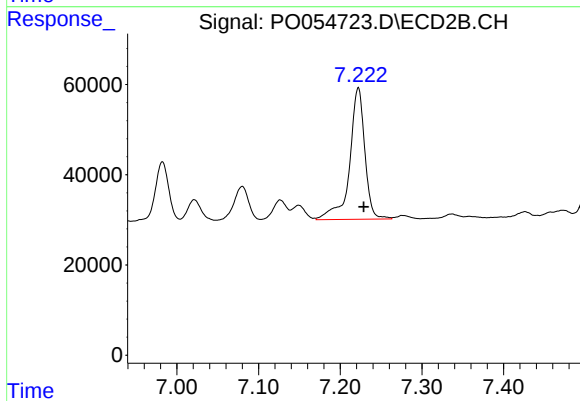
#36 AR-1262-1

R.T.: 6.723 min
Delta R.T.: -0.007 min
Response: 168005
Conc: 56.47 ng/ml



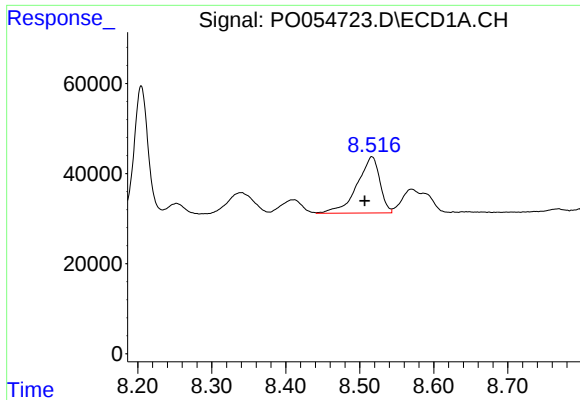
#37 AR-1262-2

R.T.: 8.205 min
Delta R.T.: -0.004 min
Response: 352427
Conc: 59.49 ng/ml



#37 AR-1262-2

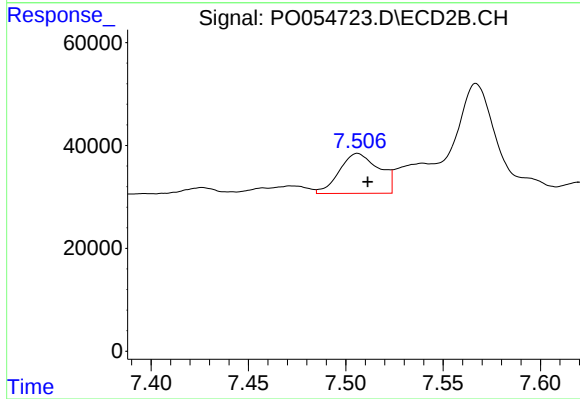
R.T.: 7.222 min
Delta R.T.: -0.006 min
Response: 377584
Conc: 77.04 ng/ml



#38 AR-1262-3

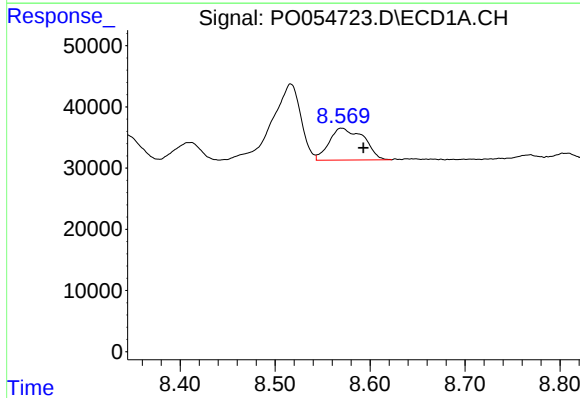
R.T.: 8.516 min
Delta R.T.: 0.010 min
Response: 266515
Conc: 64.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
CS-21RE



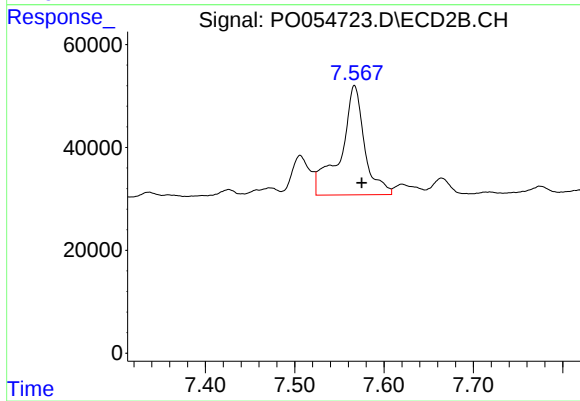
#38 AR-1262-3

R.T.: 7.506 min
Delta R.T.: -0.005 min
Response: 110079
Conc: 53.61 ng/ml



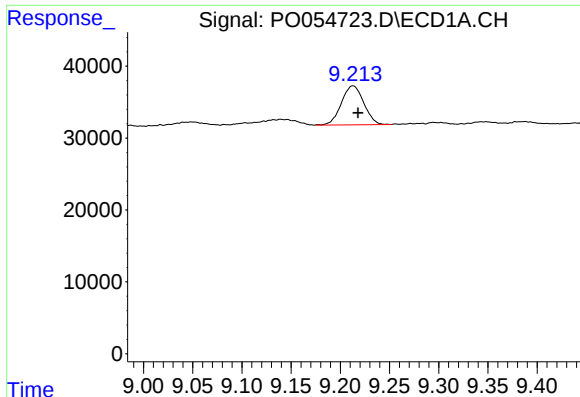
#39 AR-1262-4

R.T.: 8.570 min
Delta R.T.: -0.023 min
Response: 131411
Conc: 40.79 ng/ml



#39 AR-1262-4

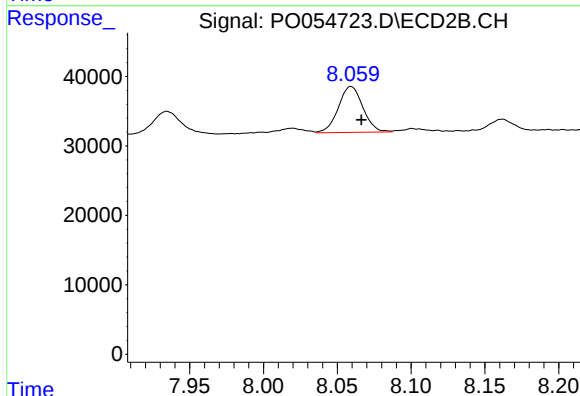
R.T.: 7.567 min
Delta R.T.: -0.008 min
Response: 395650
Conc: 109.23 ng/ml



#40 AR-1262-5

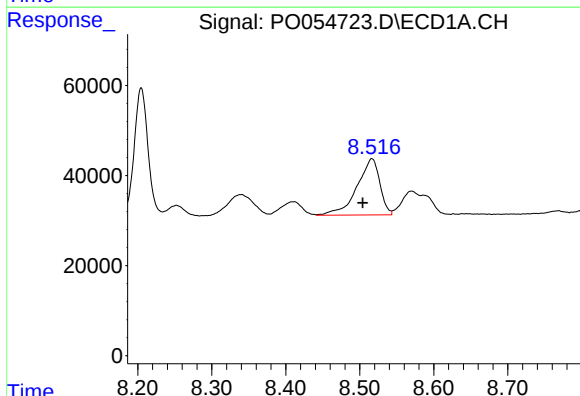
R.T.: 9.213 min
Delta R.T.: -0.005 min
Response: 86136
Conc: 39.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
CS-21RE



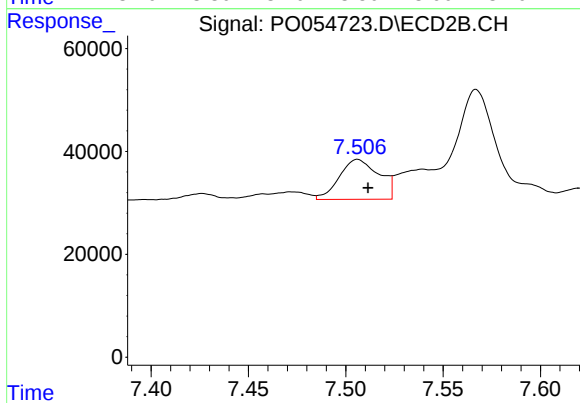
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: -0.007 min
Response: 76425
Conc: 47.35 ng/ml



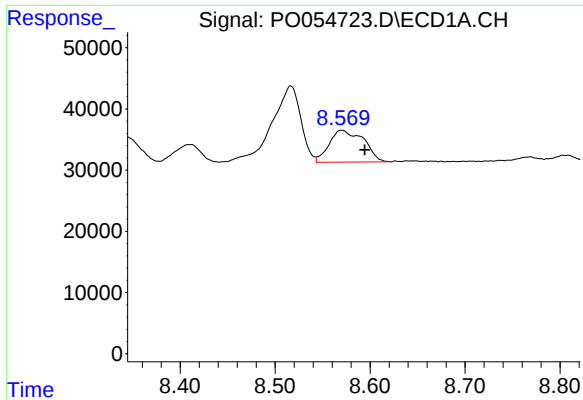
#41 AR-1268-1

R.T.: 8.516 min
Delta R.T.: 0.012 min
Response: 266515
Conc: 37.45 ng/ml



#41 AR-1268-1

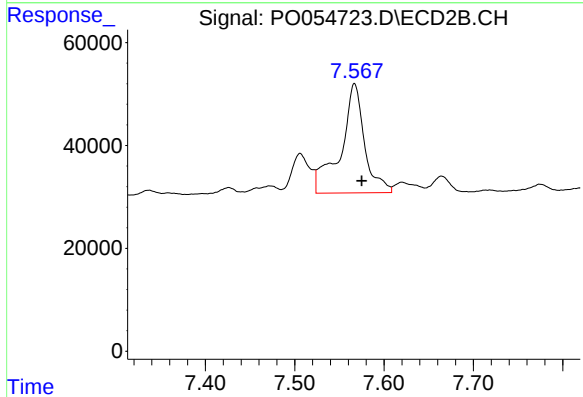
R.T.: 7.506 min
Delta R.T.: -0.005 min
Response: 110079
Conc: 19.47 ng/ml



#42 AR-1268-2

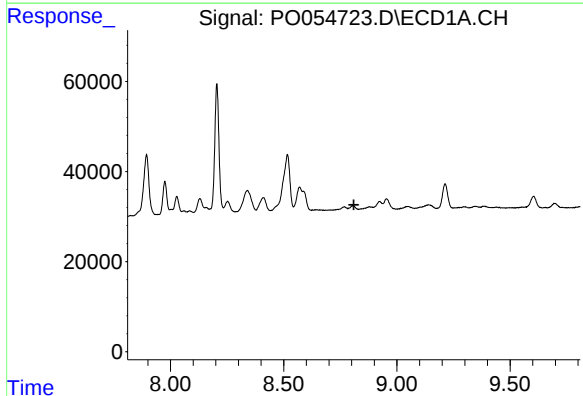
R.T.: 8.570 min
Delta R.T.: -0.024 min
Response: 131411
Conc: 20.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
CS-21RE



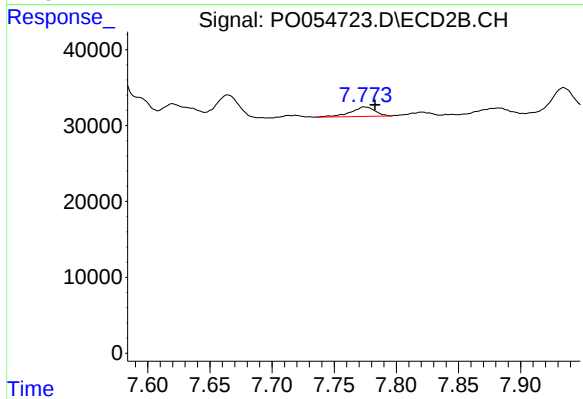
#42 AR-1268-2

R.T.: 7.567 min
Delta R.T.: -0.008 min
Response: 395650
Conc: 76.50 ng/ml



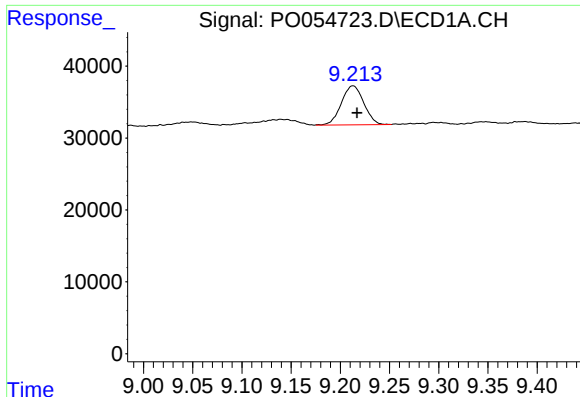
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.810 min
Response: 0
Conc: N.D.



#43 AR-1268-3

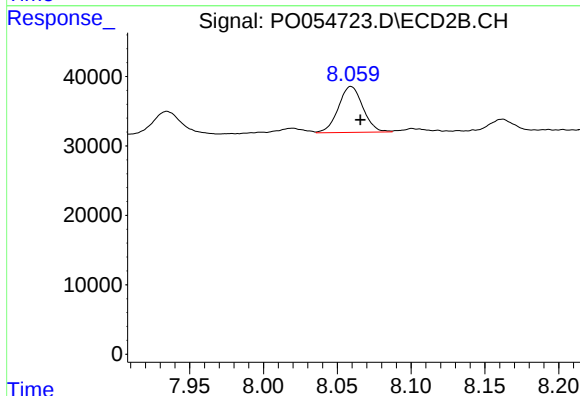
R.T.: 7.774 min
Delta R.T.: -0.008 min
Response: 16977
Conc: 3.94 ng/ml



#44 AR-1268-4

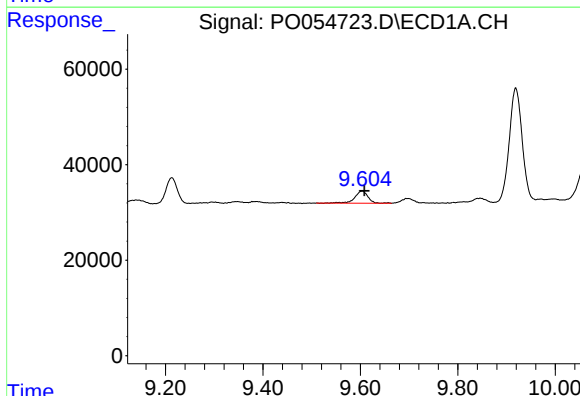
R.T.: 9.213 min
Delta R.T.: -0.004 min
Response: 86136
Conc: 36.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
CS-21RE



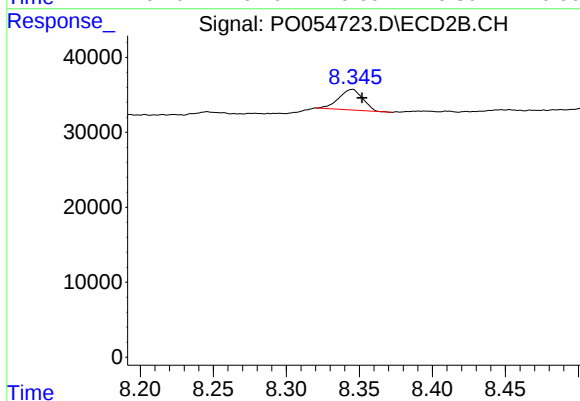
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 76425
Conc: 41.22 ng/ml



#45 AR-1268-5

R.T.: 9.604 min
Delta R.T.: -0.004 min
Response: 48526
Conc: 2.95 ng/ml



#45 AR-1268-5

R.T.: 8.345 min
Delta R.T.: -0.007 min
Response: 31421
Conc: 2.76 ng/ml