

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030723\
 Data File : P0093008.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2023 09:15
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 14:45:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 22 05:46:11 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	145.7E6	55668480	48.523	43.673
2)	SA Decachlor...	10.267	8.670	94049093	45834566	48.895	39.329
Target Compounds							
3)	L1 AR-1016-1	5.606	4.720	28132337	11705991	306.090	289.765
4)	L1 AR-1016-2	5.629	4.738	35201638	12129238	264.116	210.059
5)	L1 AR-1016-3	5.691	4.916	17749925	8045054	204.441	256.734 #
6)	L1 AR-1016-4	5.789	4.957	18584879	17301600	284.597	618.862 #
7)	L1 AR-1016-5	6.088	5.171	46711190	21689269	657.256	611.434
8)	L2 AR-1221-1	4.704f	0.000	1072453	0	27.133	N.D. #
9)	L2 AR-1221-2	4.735	3.932	2447192	876386	85.052	72.387
10)	L2 AR-1221-3	4.802	4.009	2785608	1104014	31.629	29.650
11)	L3 AR-1232-1	4.802	4.009	2785608	1104014	39.641	35.264
12)	L3 AR-1232-2	5.336	4.738	13247946	12129238	385.207	450.253
13)	L3 AR-1232-3	5.629	4.916	35201638	8045054	575.804	573.921
14)	L3 AR-1232-4	5.789	4.999	18584879	18359749	629.682	1290.987 #
15)	L3 AR-1232-5	5.883	5.171	43356397	21689269	1669.565	1394.786
16)	L4 AR-1242-1	5.606	4.720	28132337	11705991	356.551	348.588
17)	L4 AR-1242-2	5.629	4.738	35201638	12129238	306.016	252.942
18)	L4 AR-1242-3	5.691	4.916	17749925	8045054	240.439	308.952 #
19)	L4 AR-1242-4	5.789	4.999	18584879	18359749	335.547	636.707 #
20)	L4 AR-1242-5	6.534	5.524	47119239	27903308	804.455	891.791
21)	L5 AR-1248-1	5.606	4.720	28132337	11705991	458.925	447.056
22)	L5 AR-1248-2	5.883	4.957	43356397	17301600	450.510	427.637
23)	L5 AR-1248-3	6.088	4.999	46711190	18359749	455.195	435.626
24)	L5 AR-1248-4	6.496	5.171	46862862	21689269	468.260	449.026
25)	L5 AR-1248-5	6.534	5.565	47119239	19357469	465.473	463.798
26)	L6 AR-1254-1	6.469	5.524	35004295	27903308	308.730	398.555 #
27)	L6 AR-1254-2	6.692	5.673	45639873	9901553	274.601	157.822 #
28)	L6 AR-1254-3	7.059	6.078	25352931	13535587	154.873	140.415
29)	L6 AR-1254-4	7.348	6.308	16572381	8815825	159.683	170.842
30)	L6 AR-1254-5	7.772	6.728	6294268	2516615	51.338	30.996 #
31)	L7 AR-1260-1	7.226	6.223	1967902	6673592	16.126	97.956 #
32)	L7 AR-1260-2	7.484	6.397	5468224	1803798	37.204	22.440 #
33)	L7 AR-1260-3	7.772	6.551	6294268	1608476	40.043	19.926 #
34)	L7 AR-1260-4	8.060	7.064	2223844	608769	18.985	10.001 #
35)	L7 AR-1260-5	8.331f	7.271	356630	355938	1.720	2.788 #
36)	L8 AR-1262-1	7.772	6.728	6294268	2516615	65.306	60.206
37)	L8 AR-1262-2	0.000	7.271	0	355938	N.D.	2.697 #
38)	L8 AR-1262-3	8.787f	7.618f	2175154	418457	12.974	7.265 #
39)	L8 AR-1262-4	8.787	7.618	2175154	418457	15.168	4.169 #
40)	L8 AR-1262-5	0.000	8.117	0	274470	N.D.	5.981 #
41)	L9 AR-1268-1	8.787f	7.618f	2175154	418457	6.960	2.435 #

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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
42) L9	AR-1268-2	8.787	7.618	2175154	418457	7.354	2.749 #
44) L9	AR-1268-4	0.000	8.117	0	274470	N.D.	5.080 #

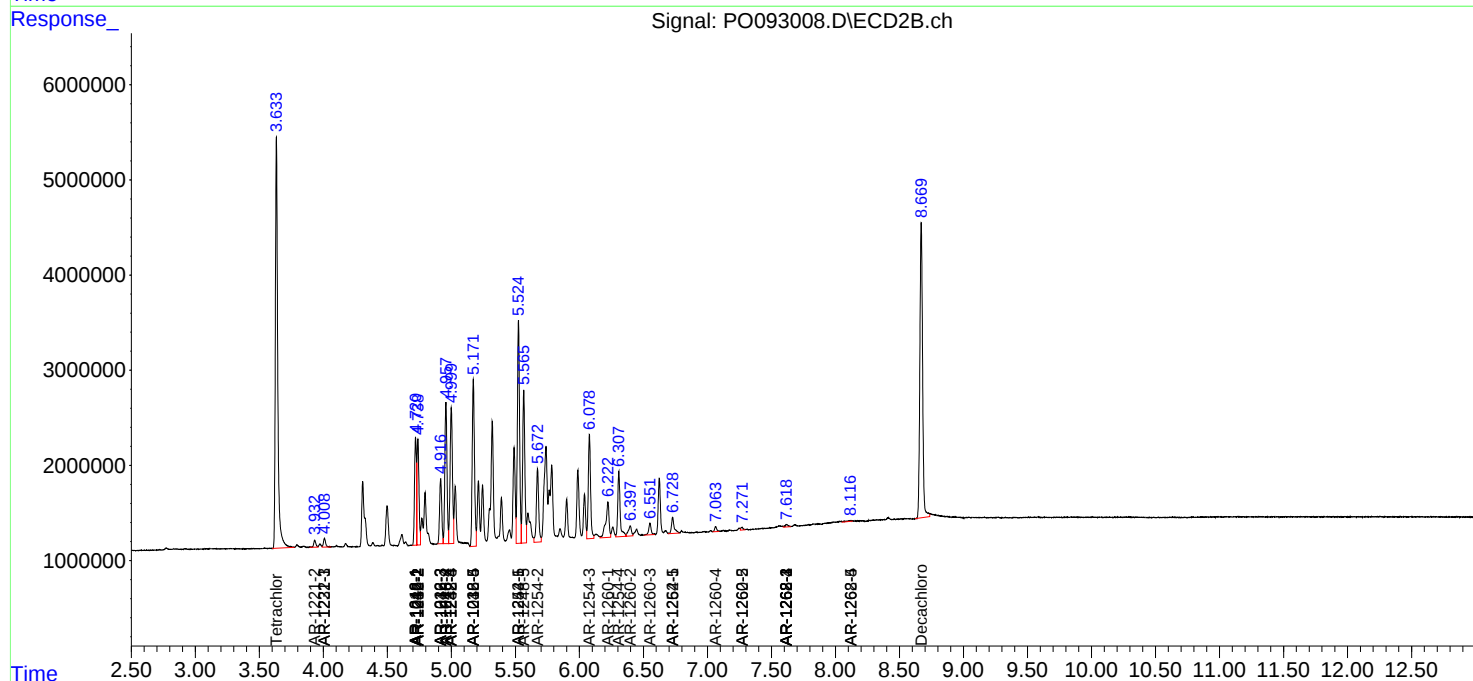
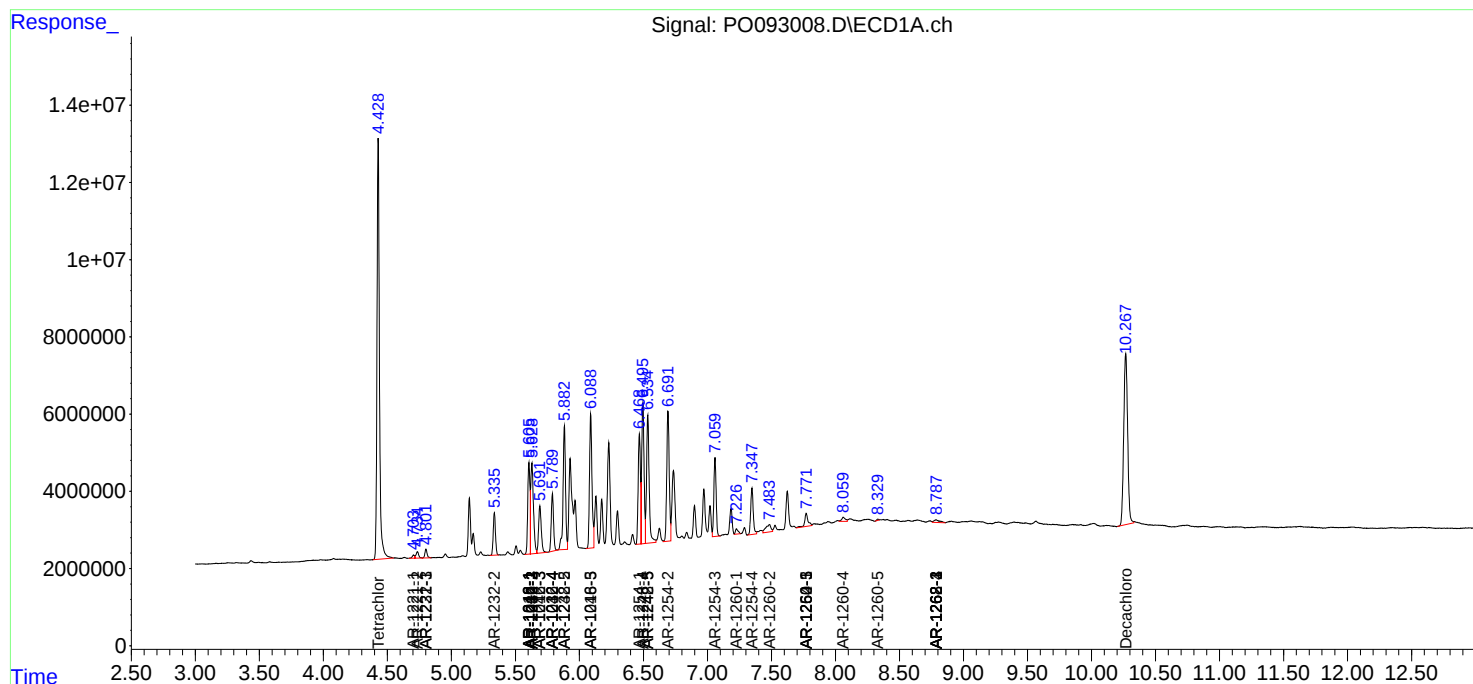
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

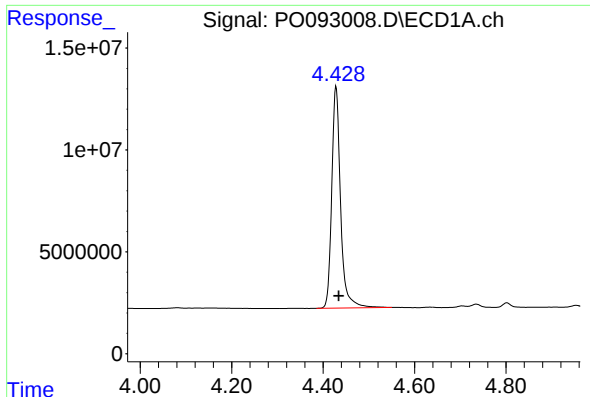
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

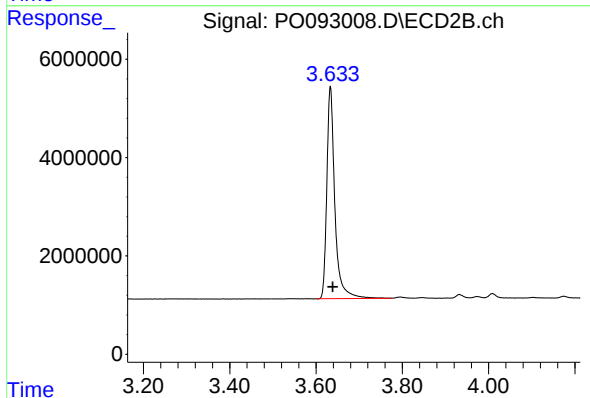




#1 Tetrachloro-m-xylene

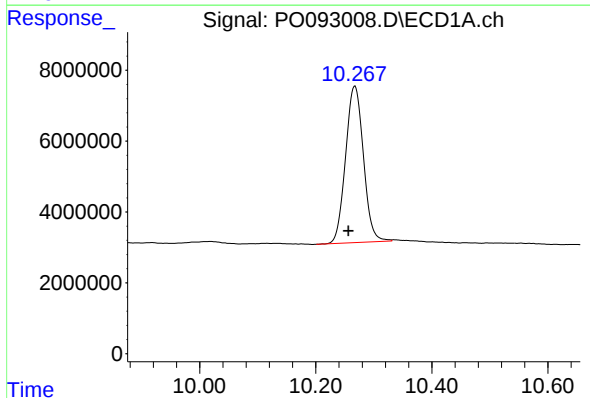
R.T.: 4.428 min
Delta R.T.: -0.006 min
Response: 145701818
Conc: 48.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



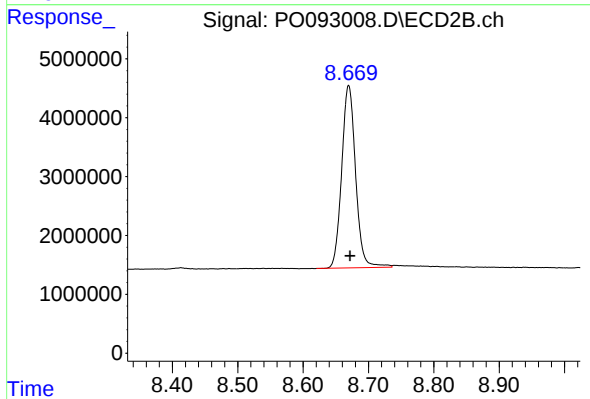
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: -0.005 min
Response: 55668480
Conc: 43.67 ng/ml



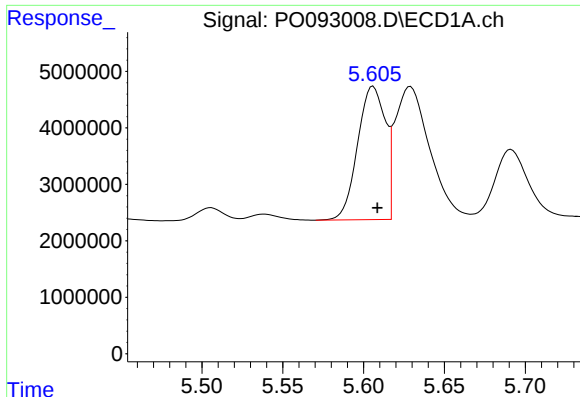
#2 Decachlorobiphenyl

R.T.: 10.267 min
Delta R.T.: 0.011 min
Response: 94049093
Conc: 48.90 ng/ml



#2 Decachlorobiphenyl

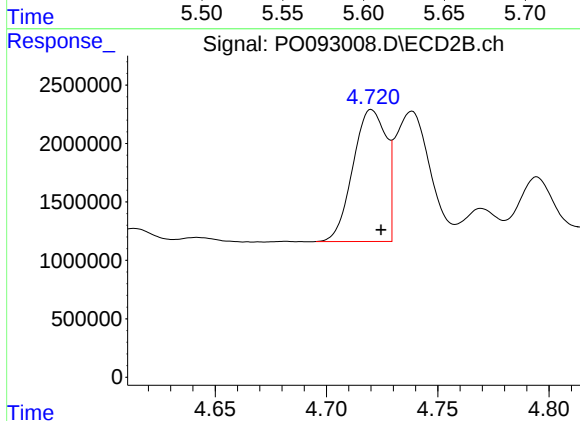
R.T.: 8.670 min
Delta R.T.: -0.002 min
Response: 45834566
Conc: 39.33 ng/ml



#3 AR-1016-1

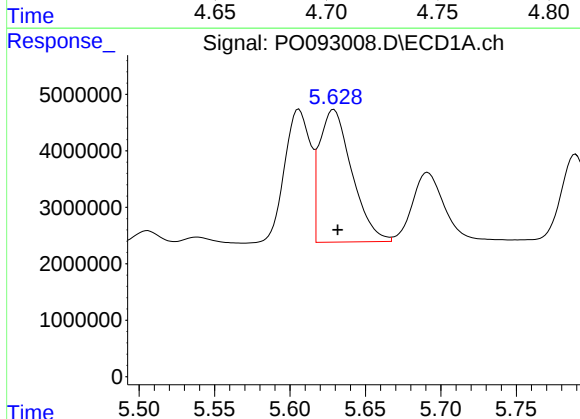
R.T.: 5.606 min
Delta R.T.: -0.003 min
Response: 28132337
Conc: 306.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



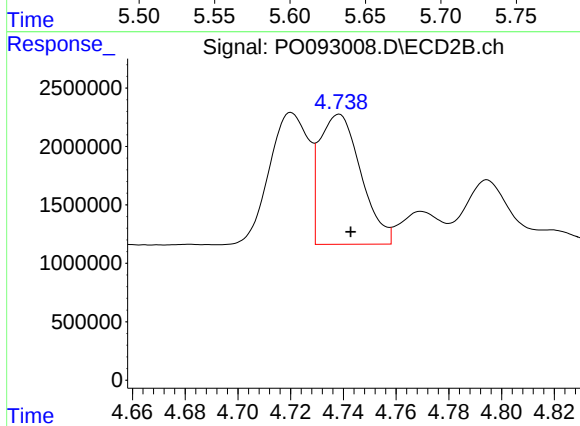
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: -0.004 min
Response: 11705991
Conc: 289.77 ng/ml



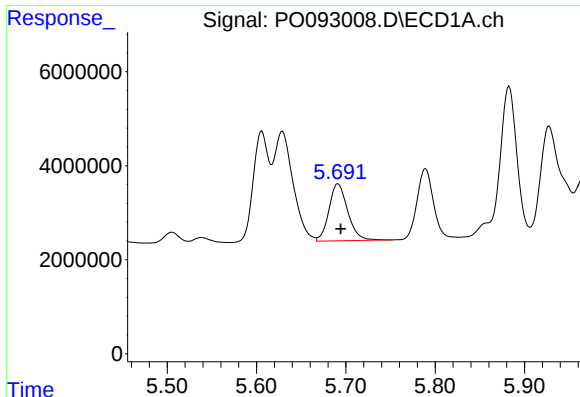
#4 AR-1016-2

R.T.: 5.629 min
Delta R.T.: -0.003 min
Response: 35201638
Conc: 264.12 ng/ml



#4 AR-1016-2

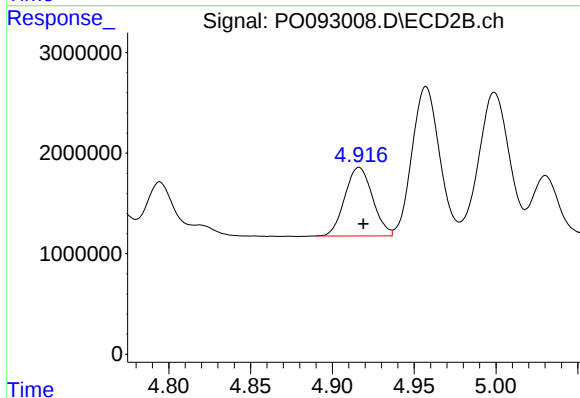
R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 12129238
Conc: 210.06 ng/ml



#5 AR-1016-3

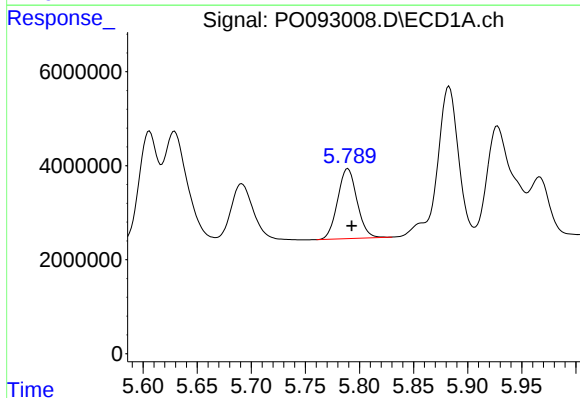
R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 17749925
Conc: 204.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



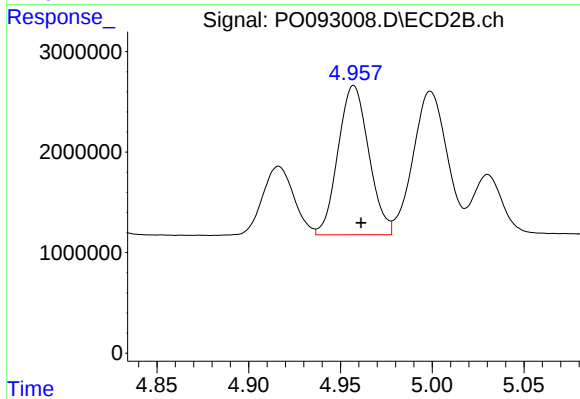
#5 AR-1016-3

R.T.: 4.916 min
Delta R.T.: -0.003 min
Response: 8045054
Conc: 256.73 ng/ml



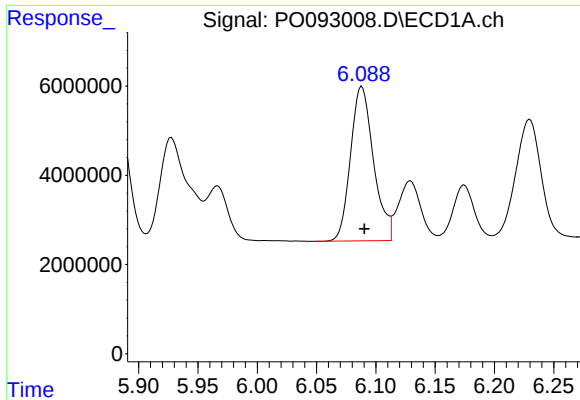
#6 AR-1016-4

R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 18584879
Conc: 284.60 ng/ml



#6 AR-1016-4

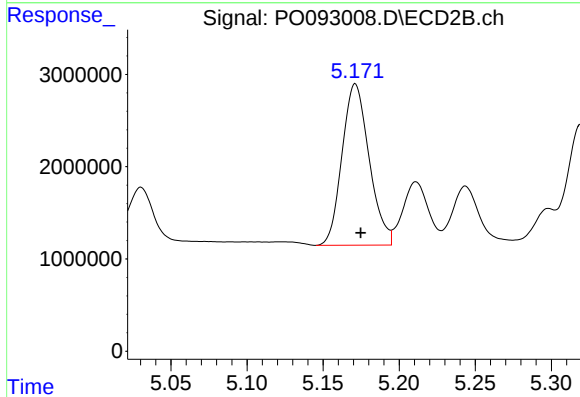
R.T.: 4.957 min
Delta R.T.: -0.004 min
Response: 17301600
Conc: 618.86 ng/ml



#7 AR-1016-5

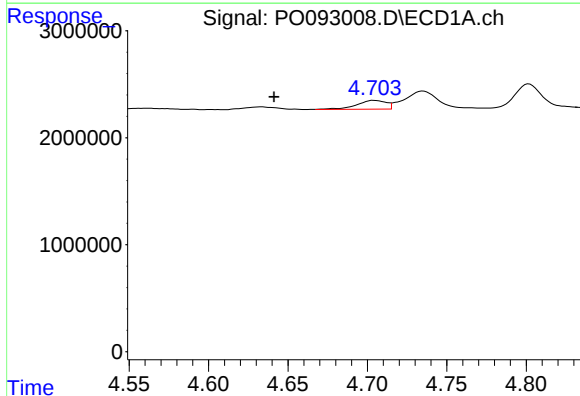
R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 46711190
Conc: 657.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



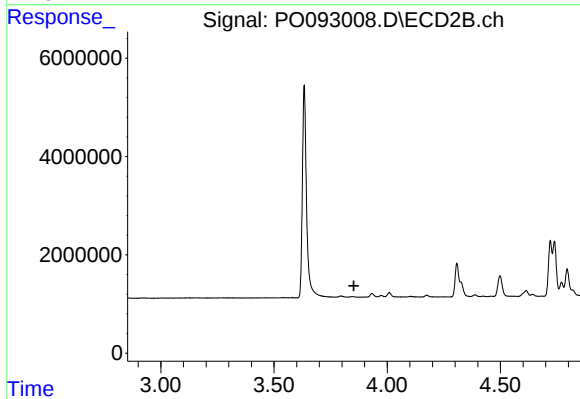
#7 AR-1016-5

R.T.: 5.171 min
Delta R.T.: -0.003 min
Response: 21689269
Conc: 611.43 ng/ml



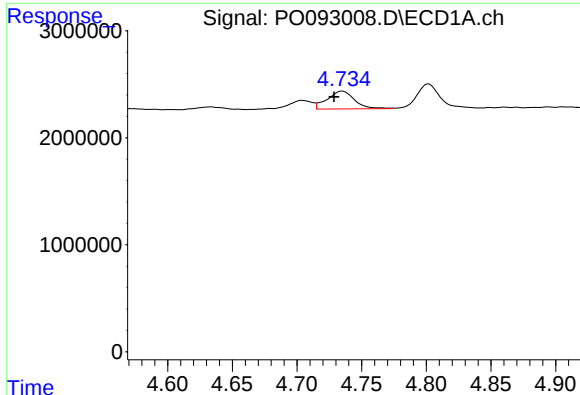
#8 AR-1221-1

R.T.: 4.704 min
Delta R.T.: 0.063 min
Response: 1072453
Conc: 27.13 ng/ml



#8 AR-1221-1

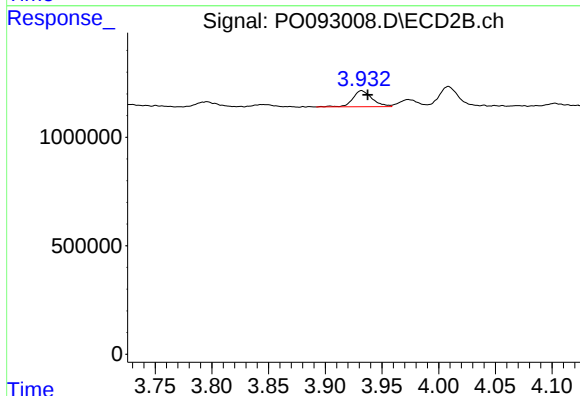
R.T.: 0.000 min
Exp R.T. : 3.852 min
Response: 0
Conc: N.D.



#9 AR-1221-2

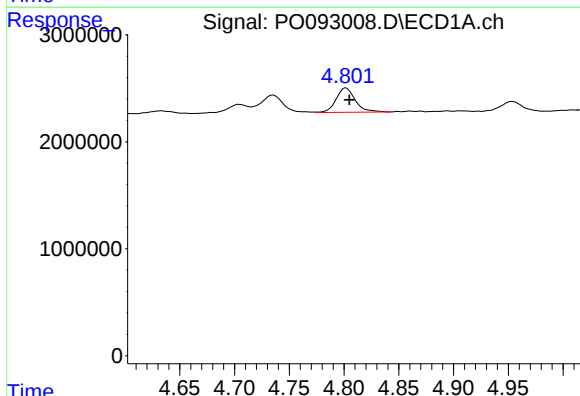
R.T.: 4.735 min
Delta R.T.: 0.006 min
Response: 2447192
Conc: 85.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



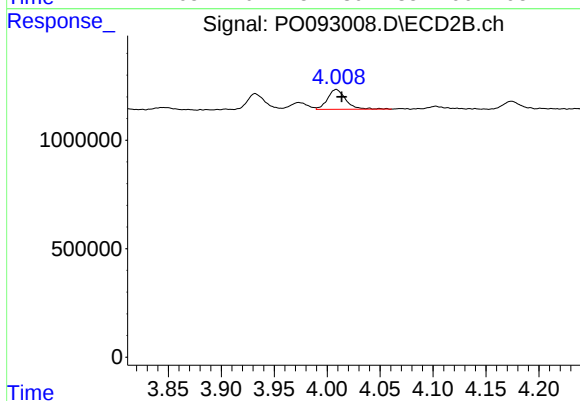
#9 AR-1221-2

R.T.: 3.932 min
Delta R.T.: -0.006 min
Response: 876386
Conc: 72.39 ng/ml



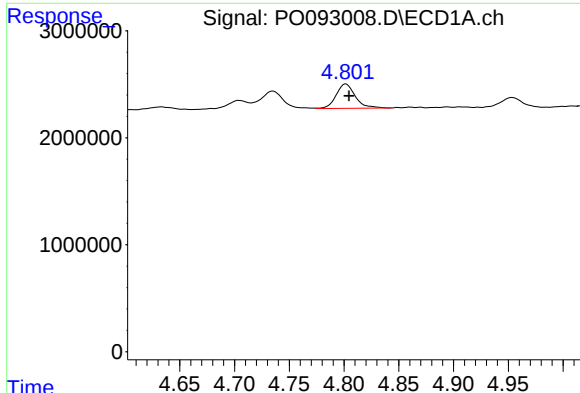
#10 AR-1221-3

R.T.: 4.802 min
Delta R.T.: -0.003 min
Response: 2785608
Conc: 31.63 ng/ml



#10 AR-1221-3

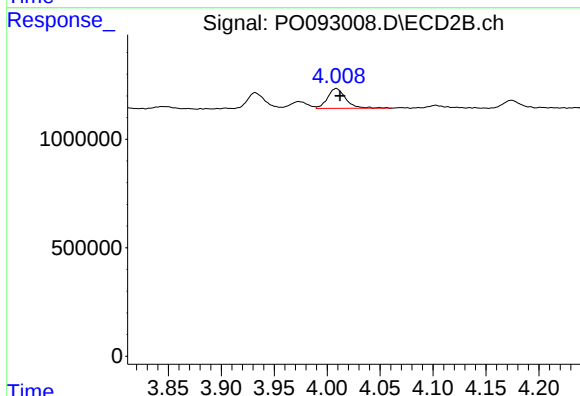
R.T.: 4.009 min
Delta R.T.: -0.005 min
Response: 1104014
Conc: 29.65 ng/ml



#11 AR-1232-1

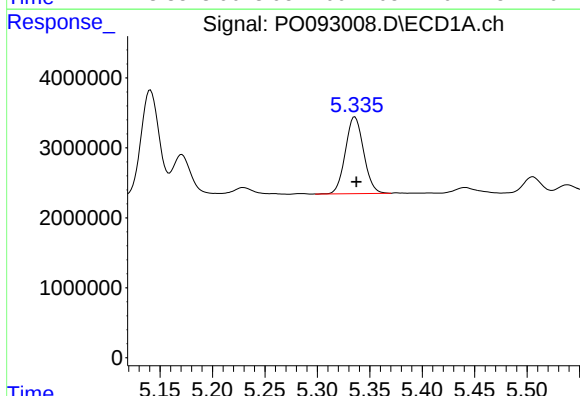
R.T.: 4.802 min
Delta R.T.: -0.003 min
Response: 2785608
Conc: 39.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



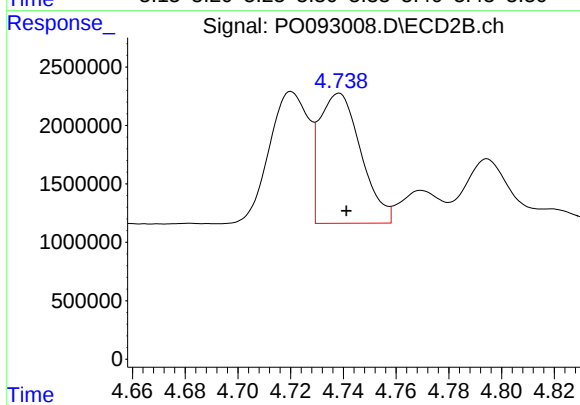
#11 AR-1232-1

R.T.: 4.009 min
Delta R.T.: -0.004 min
Response: 1104014
Conc: 35.26 ng/ml



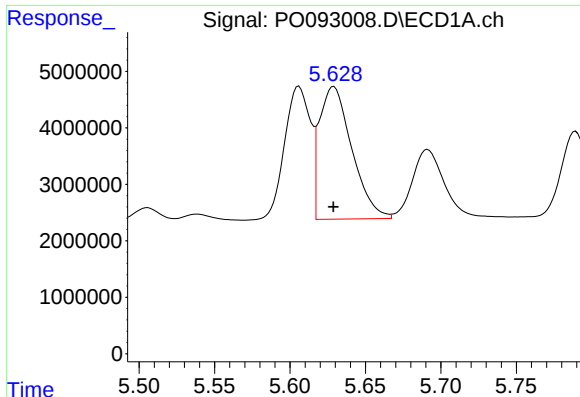
#12 AR-1232-2

R.T.: 5.336 min
Delta R.T.: -0.001 min
Response: 13247946
Conc: 385.21 ng/ml



#12 AR-1232-2

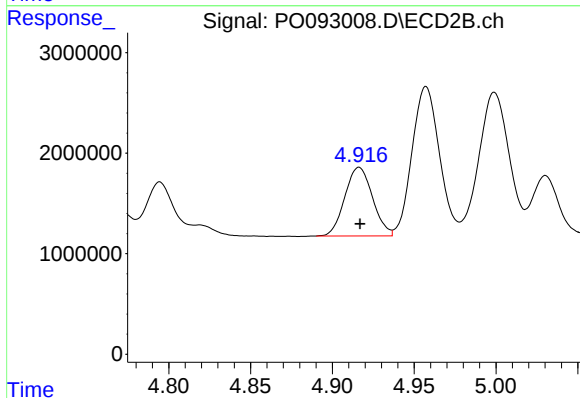
R.T.: 4.738 min
Delta R.T.: -0.003 min
Response: 12129238
Conc: 450.25 ng/ml



#13 AR-1232-3

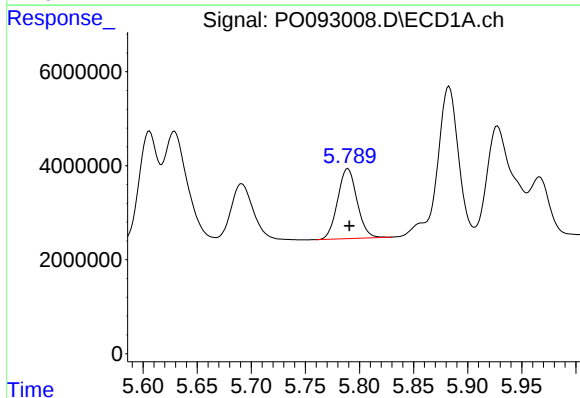
R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 35201638
Conc: 575.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



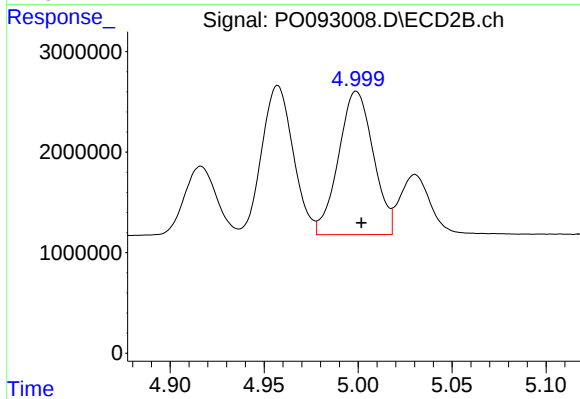
#13 AR-1232-3

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 8045054
Conc: 573.92 ng/ml



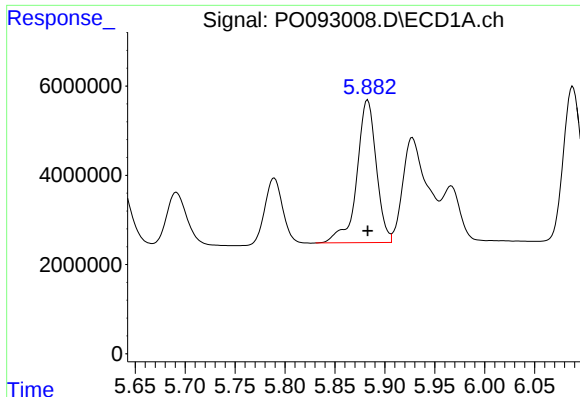
#14 AR-1232-4

R.T.: 5.789 min
Delta R.T.: -0.001 min
Response: 18584879
Conc: 629.68 ng/ml



#14 AR-1232-4

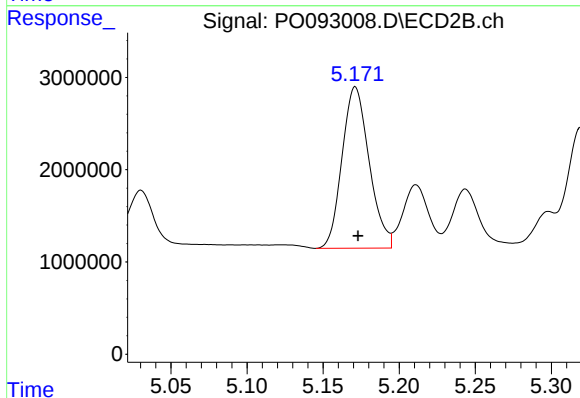
R.T.: 4.999 min
Delta R.T.: -0.003 min
Response: 18359749
Conc: 1290.99 ng/ml



#15 AR-1232-5

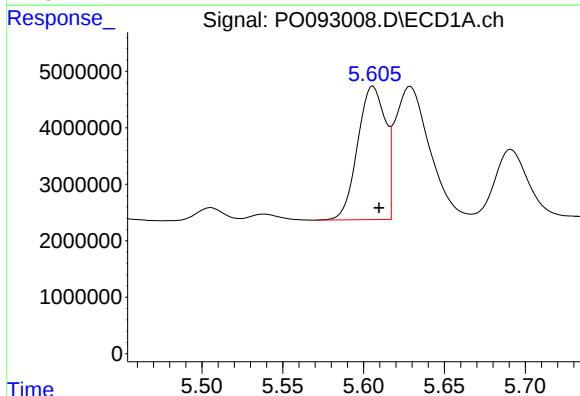
R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 43356397
Conc: 1669.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



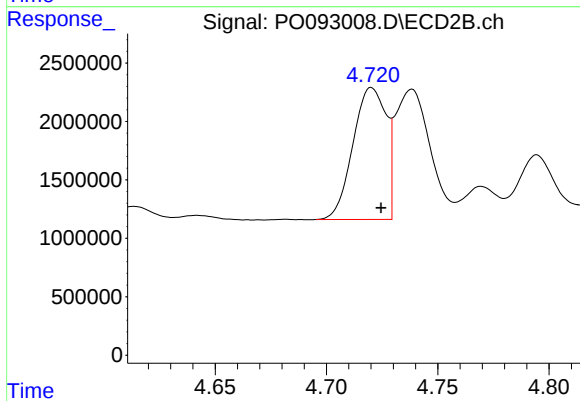
#15 AR-1232-5

R.T.: 5.171 min
Delta R.T.: -0.002 min
Response: 21689269
Conc: 1394.79 ng/ml



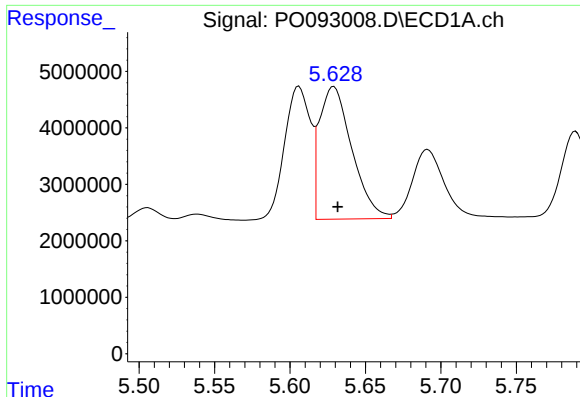
#16 AR-1242-1

R.T.: 5.606 min
Delta R.T.: -0.004 min
Response: 28132337
Conc: 356.55 ng/ml



#16 AR-1242-1

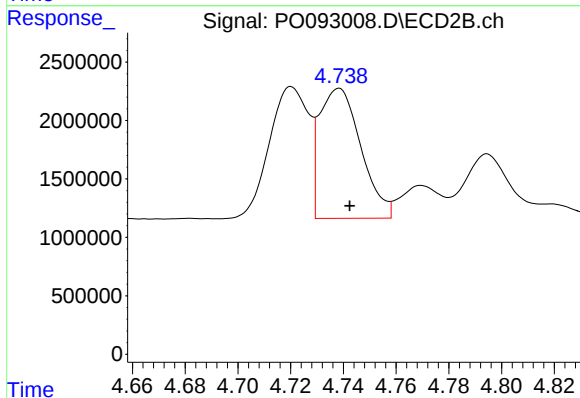
R.T.: 4.720 min
Delta R.T.: -0.004 min
Response: 11705991
Conc: 348.59 ng/ml



#17 AR-1242-2

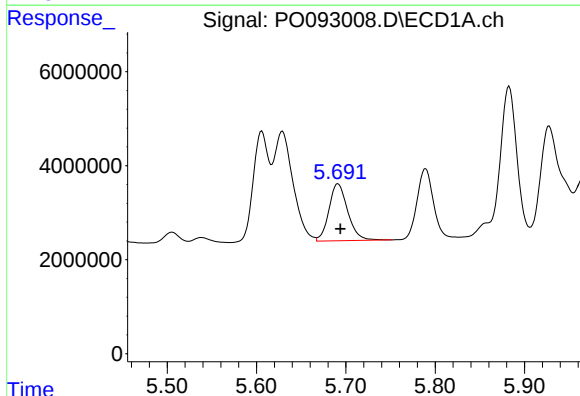
R.T.: 5.629 min
Delta R.T.: -0.003 min
Response: 35201638
Conc: 306.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



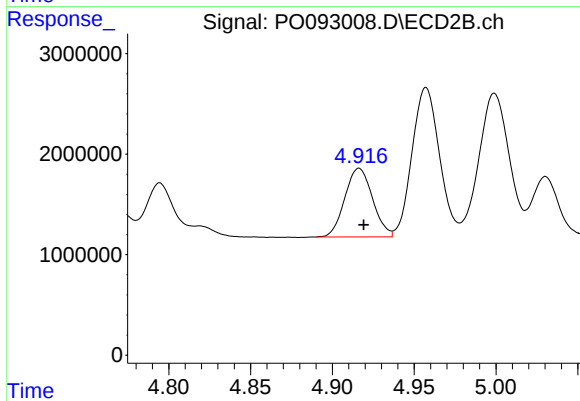
#17 AR-1242-2

R.T.: 4.738 min
Delta R.T.: -0.004 min
Response: 12129238
Conc: 252.94 ng/ml



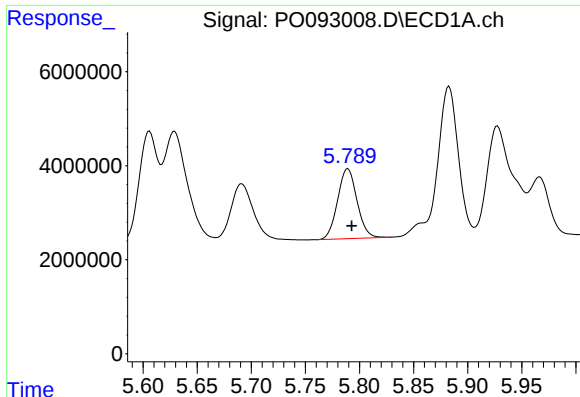
#18 AR-1242-3

R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 17749925
Conc: 240.44 ng/ml



#18 AR-1242-3

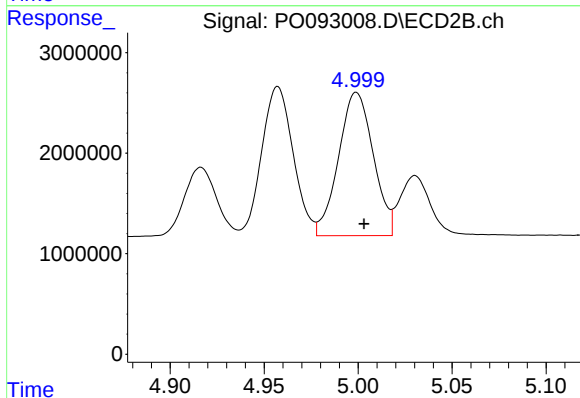
R.T.: 4.916 min
Delta R.T.: -0.003 min
Response: 8045054
Conc: 308.95 ng/ml



#19 AR-1242-4

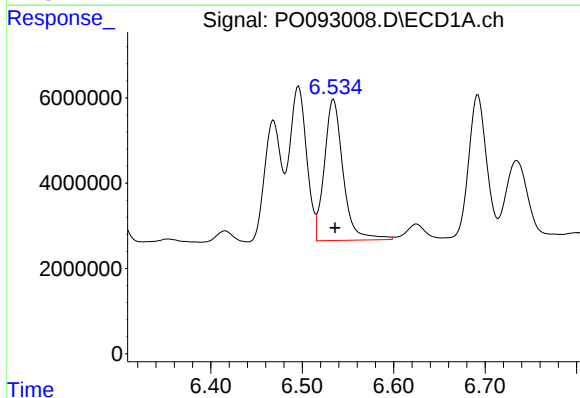
R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 18584879
Conc: 335.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



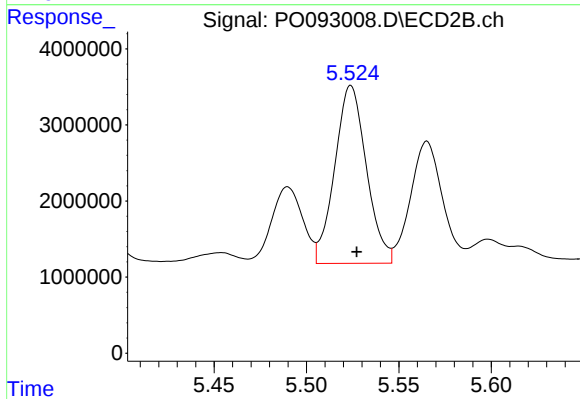
#19 AR-1242-4

R.T.: 4.999 min
Delta R.T.: -0.004 min
Response: 18359749
Conc: 636.71 ng/ml



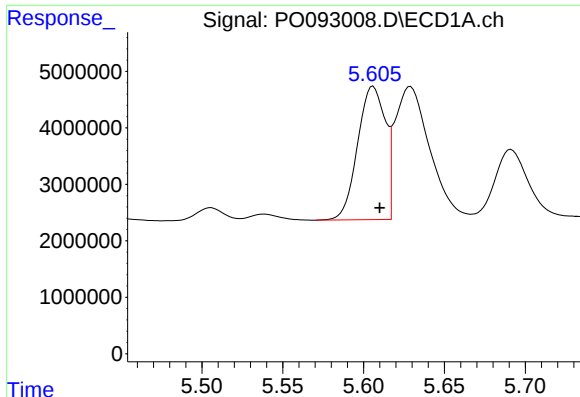
#20 AR-1242-5

R.T.: 6.534 min
Delta R.T.: -0.002 min
Response: 47119239
Conc: 804.46 ng/ml



#20 AR-1242-5

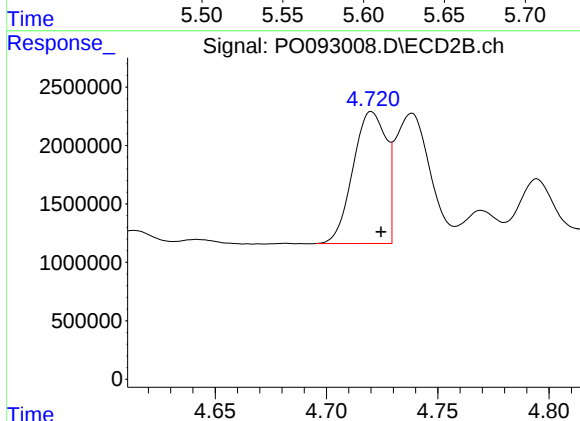
R.T.: 5.524 min
Delta R.T.: -0.003 min
Response: 27903308
Conc: 891.79 ng/ml



#21 AR-1248-1

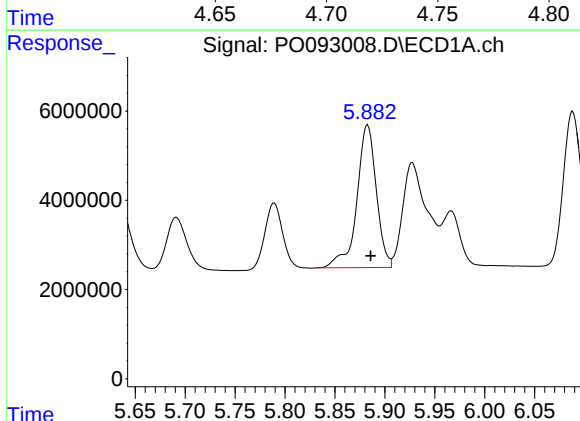
R.T.: 5.606 min
Delta R.T.: -0.004 min
Response: 28132337
Conc: 458.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



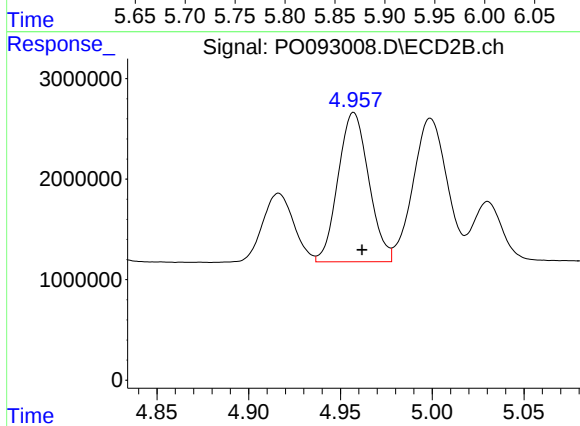
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: -0.004 min
Response: 11705991
Conc: 447.06 ng/ml



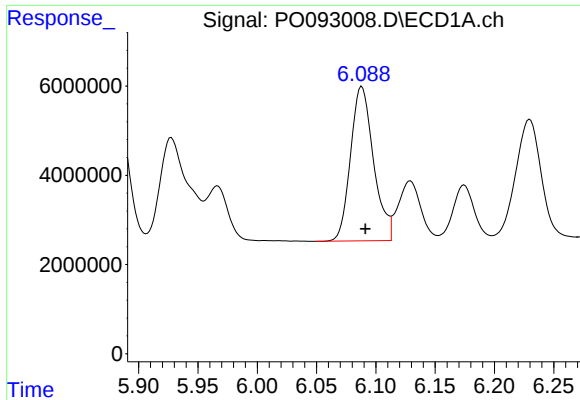
#22 AR-1248-2

R.T.: 5.883 min
Delta R.T.: -0.003 min
Response: 43356397
Conc: 450.51 ng/ml



#22 AR-1248-2

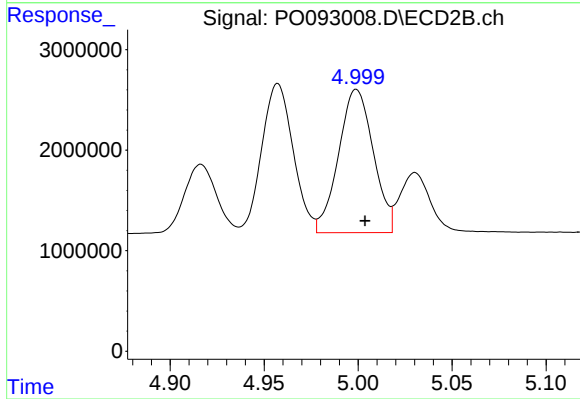
R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 17301600
Conc: 427.64 ng/ml



#23 AR-1248-3

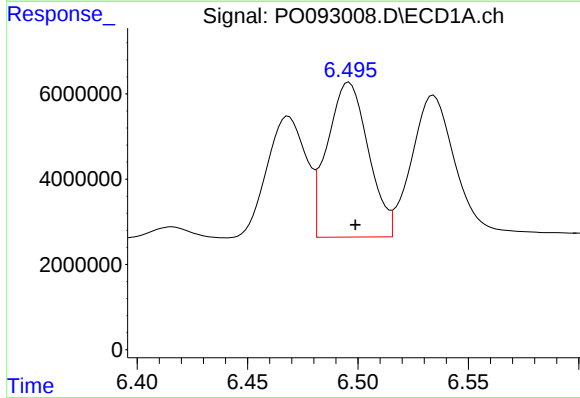
R.T.: 6.088 min
Delta R.T.: -0.003 min
Response: 46711190
Conc: 455.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



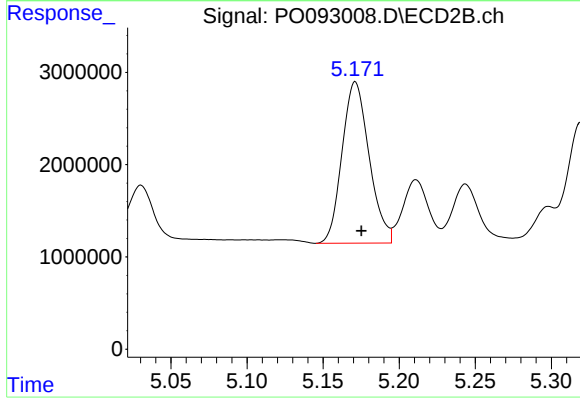
#23 AR-1248-3

R.T.: 4.999 min
Delta R.T.: -0.005 min
Response: 18359749
Conc: 435.63 ng/ml



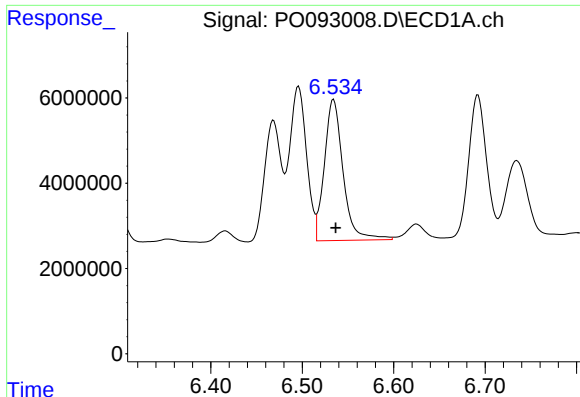
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 46862862
Conc: 468.26 ng/ml



#24 AR-1248-4

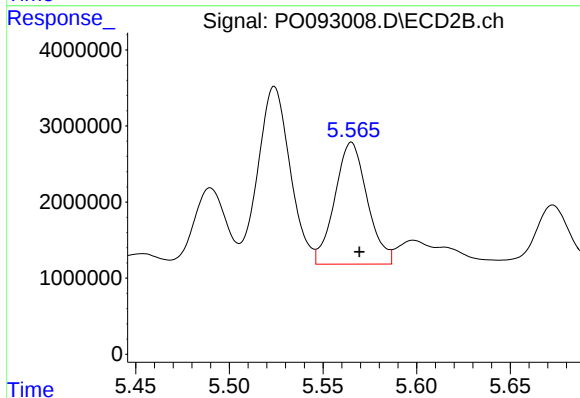
R.T.: 5.171 min
Delta R.T.: -0.004 min
Response: 21689269
Conc: 449.03 ng/ml



#25 AR-1248-5

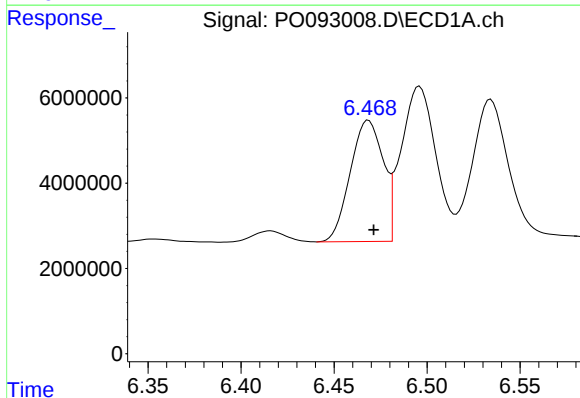
R.T.: 6.534 min
Delta R.T.: -0.002 min
Response: 47119239
Conc: 465.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



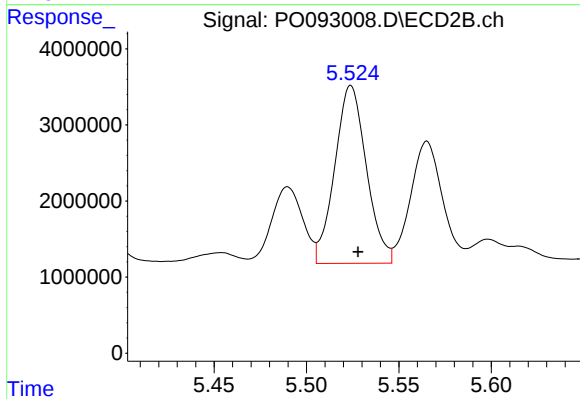
#25 AR-1248-5

R.T.: 5.565 min
Delta R.T.: -0.004 min
Response: 19357469
Conc: 463.80 ng/ml



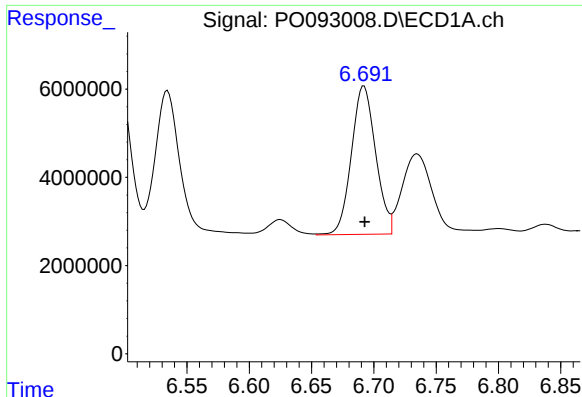
#26 AR-1254-1

R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 35004295
Conc: 308.73 ng/ml



#26 AR-1254-1

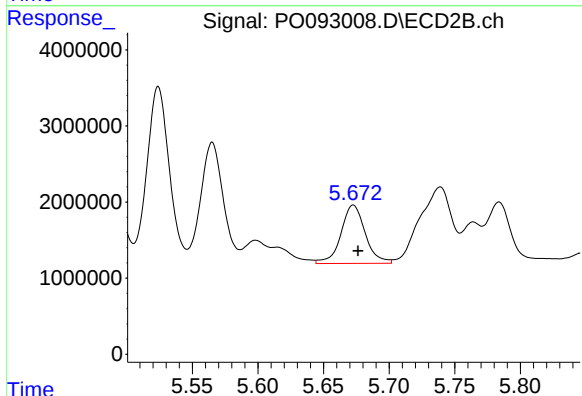
R.T.: 5.524 min
Delta R.T.: -0.004 min
Response: 27903308
Conc: 398.55 ng/ml



#27 AR-1254-2

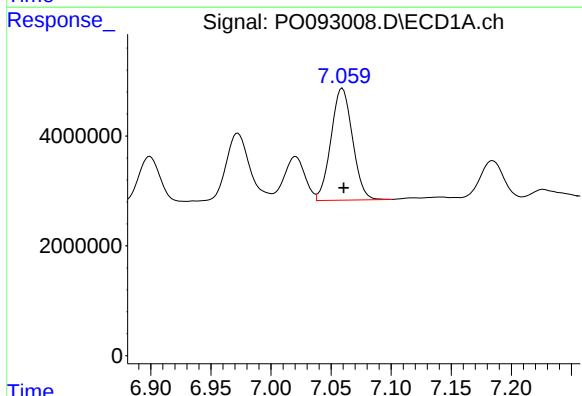
R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 45639873
Conc: 274.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



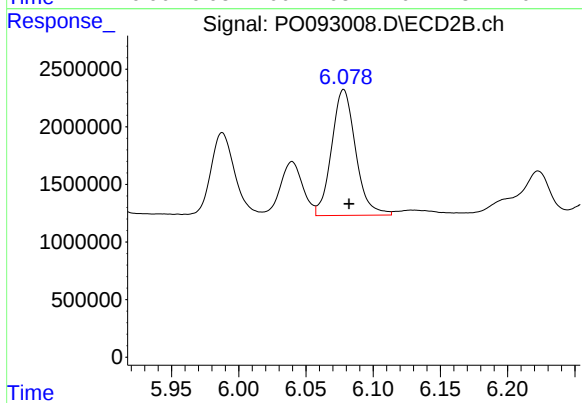
#27 AR-1254-2

R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 9901553
Conc: 157.82 ng/ml



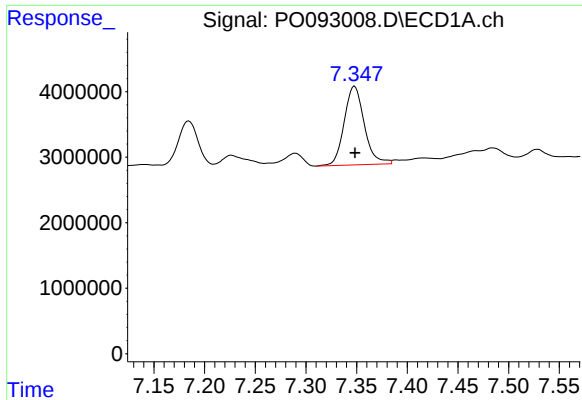
#28 AR-1254-3

R.T.: 7.059 min
Delta R.T.: -0.001 min
Response: 25352931
Conc: 154.87 ng/ml



#28 AR-1254-3

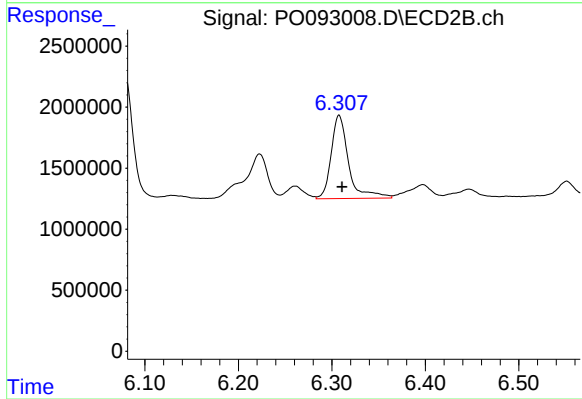
R.T.: 6.078 min
Delta R.T.: -0.004 min
Response: 13535587
Conc: 140.41 ng/ml



#29 AR-1254-4

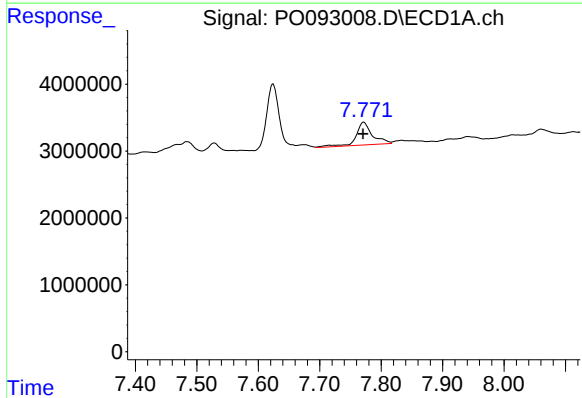
R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 16572381
Conc: 159.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



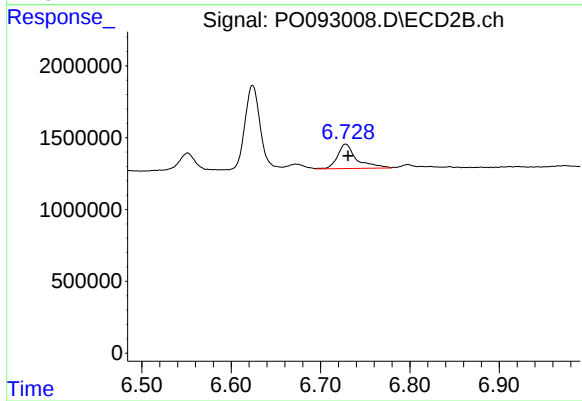
#29 AR-1254-4

R.T.: 6.308 min
Delta R.T.: -0.003 min
Response: 8815825
Conc: 170.84 ng/ml



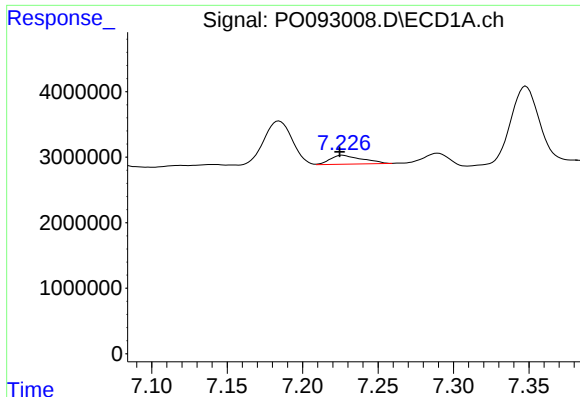
#30 AR-1254-5

R.T.: 7.772 min
Delta R.T.: 0.001 min
Response: 6294268
Conc: 51.34 ng/ml



#30 AR-1254-5

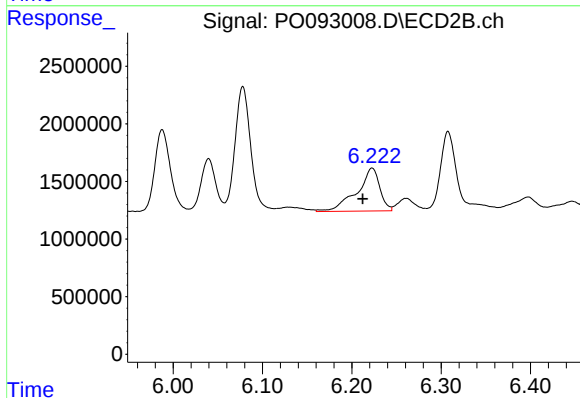
R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 2516615
Conc: 31.00 ng/ml



#31 AR-1260-1

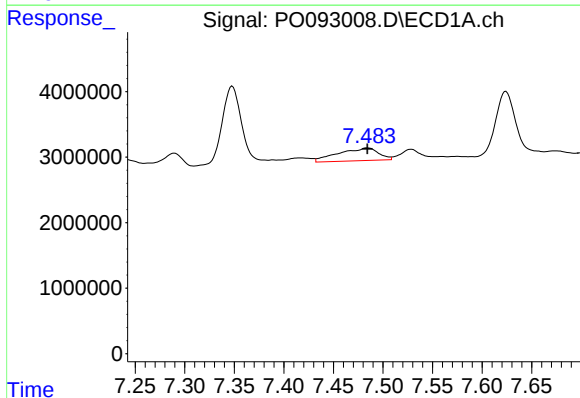
R.T.: 7.226 min
Delta R.T.: 0.002 min
Response: 1967902
Conc: 16.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



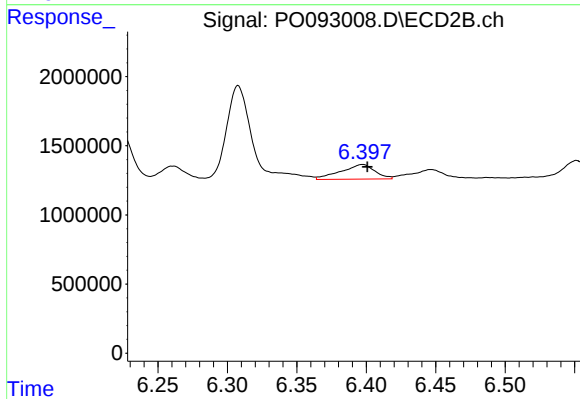
#31 AR-1260-1

R.T.: 6.223 min
Delta R.T.: 0.010 min
Response: 6673592
Conc: 97.96 ng/ml



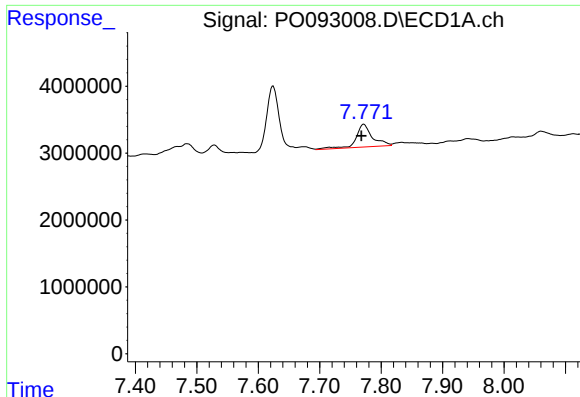
#32 AR-1260-2

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 5468224
Conc: 37.20 ng/ml



#32 AR-1260-2

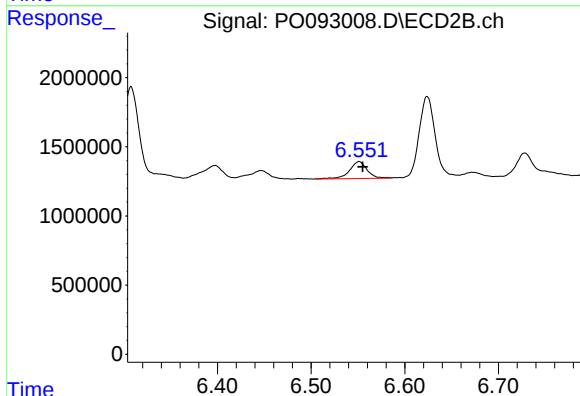
R.T.: 6.397 min
Delta R.T.: -0.003 min
Response: 1803798
Conc: 22.44 ng/ml



#33 AR-1260-3

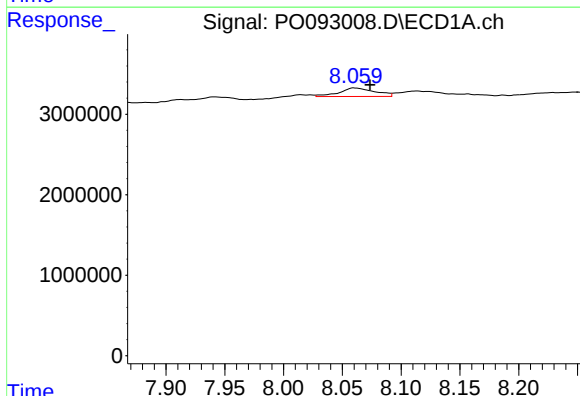
R.T.: 7.772 min
Delta R.T.: 0.004 min
Response: 6294268
Conc: 40.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



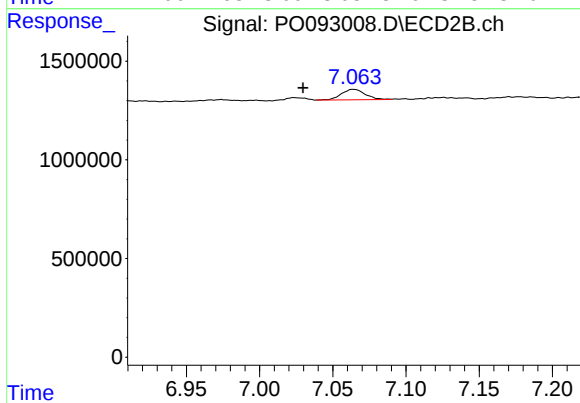
#33 AR-1260-3

R.T.: 6.551 min
Delta R.T.: -0.004 min
Response: 1608476
Conc: 19.93 ng/ml



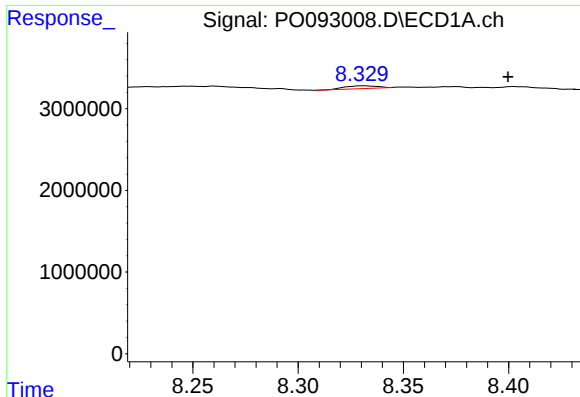
#34 AR-1260-4

R.T.: 8.060 min
Delta R.T.: -0.013 min
Response: 2223844
Conc: 18.99 ng/ml



#34 AR-1260-4

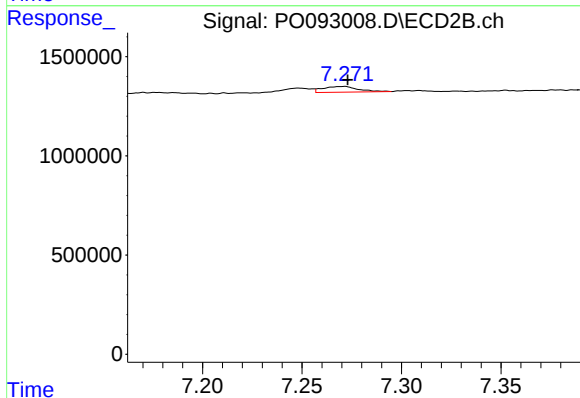
R.T.: 7.064 min
Delta R.T.: 0.034 min
Response: 608769
Conc: 10.00 ng/ml



#35 AR-1260-5

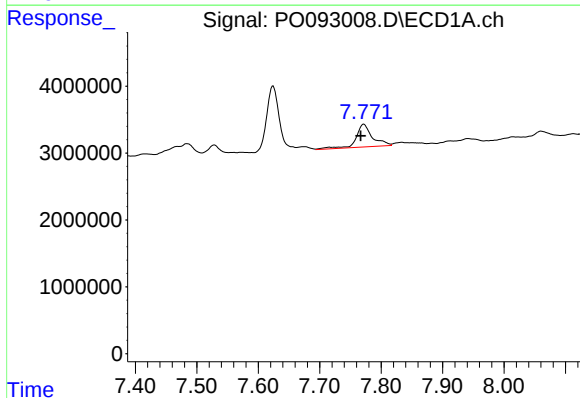
R.T.: 8.331 min
Delta R.T.: -0.069 min
Response: 356630
Conc: 1.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



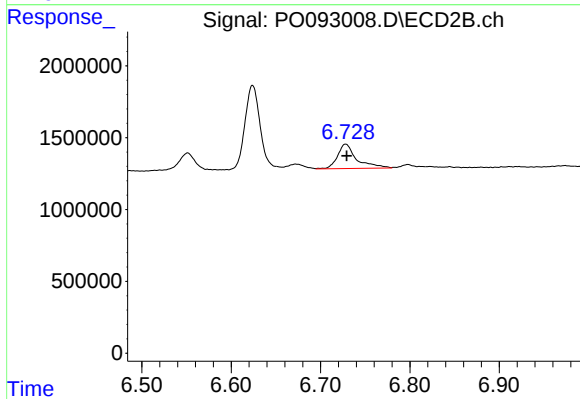
#35 AR-1260-5

R.T.: 7.271 min
Delta R.T.: -0.002 min
Response: 355938
Conc: 2.79 ng/ml



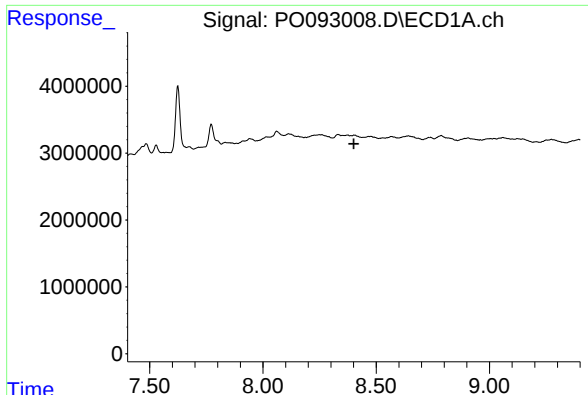
#36 AR-1262-1

R.T.: 7.772 min
Delta R.T.: 0.005 min
Response: 6294268
Conc: 65.31 ng/ml



#36 AR-1262-1

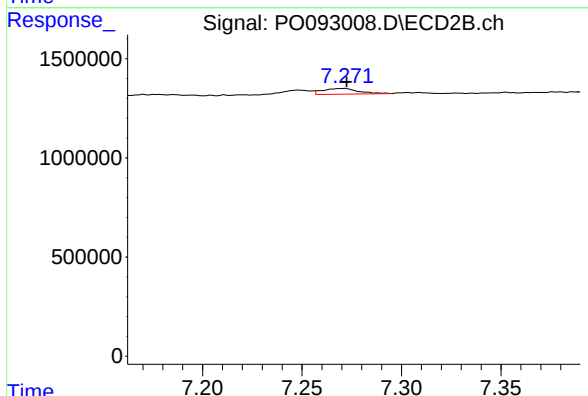
R.T.: 6.728 min
Delta R.T.: -0.001 min
Response: 2516615
Conc: 60.21 ng/ml



#37 AR-1262-2

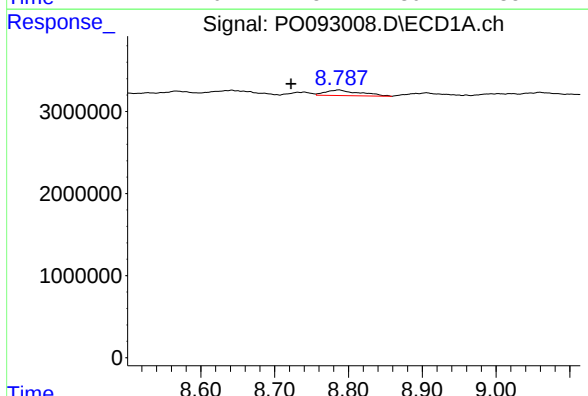
R.T.: 0.000 min
Exp R.T.: 8.401 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



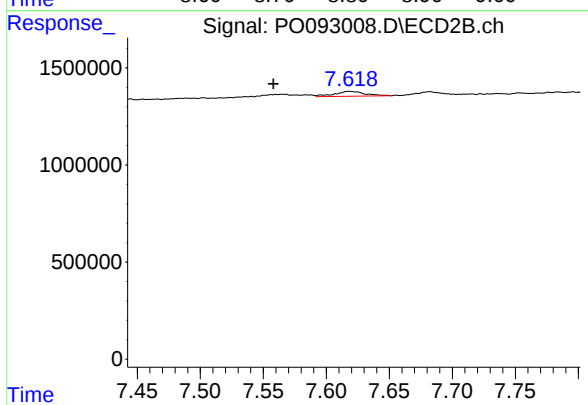
#37 AR-1262-2

R.T.: 7.271 min
Delta R.T.: -0.002 min
Response: 355938
Conc: 2.70 ng/ml



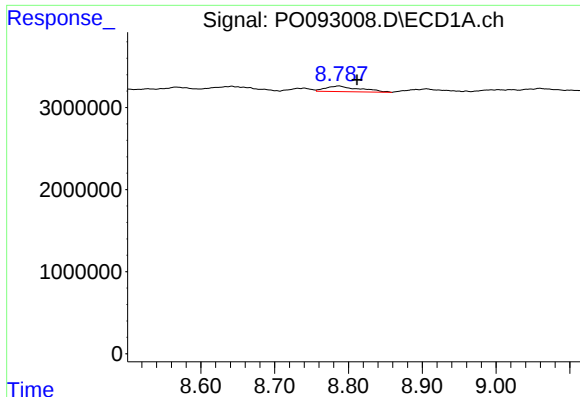
#38 AR-1262-3

R.T.: 8.787 min
Delta R.T.: 0.065 min
Response: 2175154
Conc: 12.97 ng/ml



#38 AR-1262-3

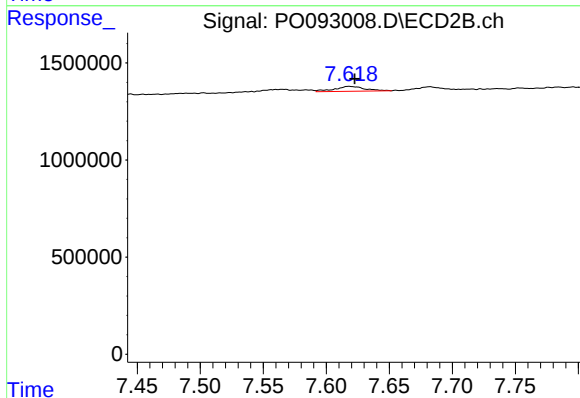
R.T.: 7.618 min
Delta R.T.: 0.060 min
Response: 418457
Conc: 7.27 ng/ml



#39 AR-1262-4

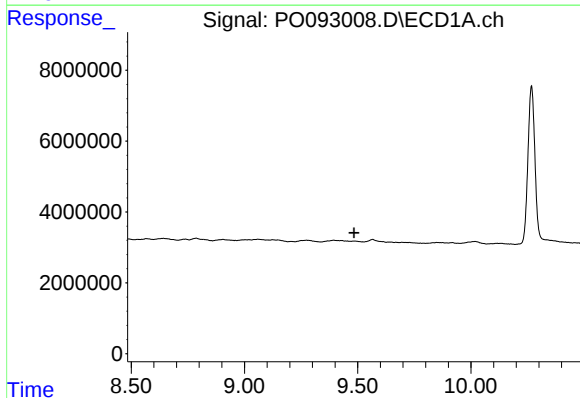
R.T.: 8.787 min
Delta R.T.: -0.024 min
Response: 2175154
Conc: 15.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



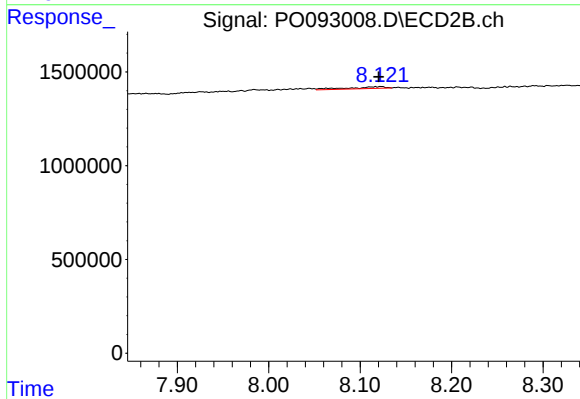
#39 AR-1262-4

R.T.: 7.618 min
Delta R.T.: -0.004 min
Response: 418457
Conc: 4.17 ng/ml



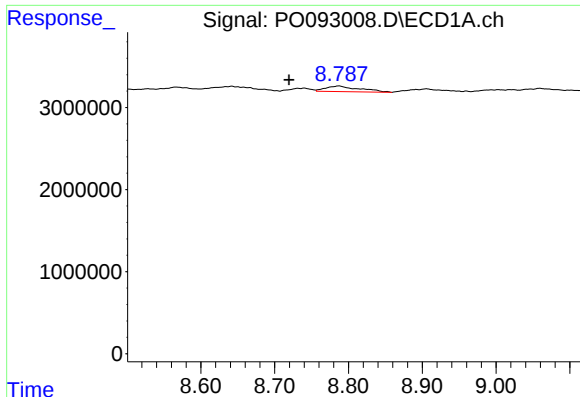
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.484 min
Response: 0
Conc: N.D.



#40 AR-1262-5

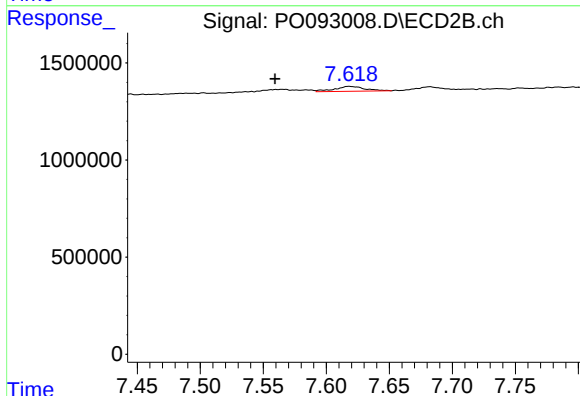
R.T.: 8.117 min
Delta R.T.: -0.003 min
Response: 274470
Conc: 5.98 ng/ml



#41 AR-1268-1

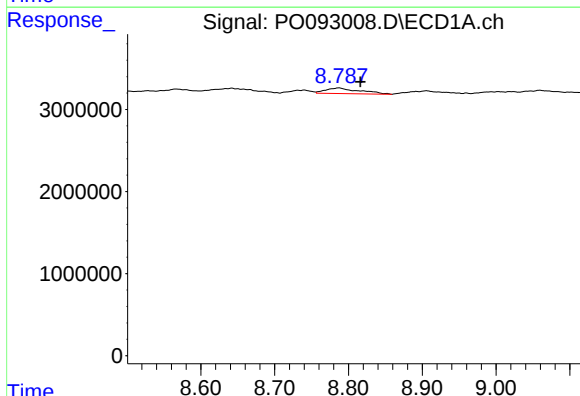
R.T.: 8.787 min
Delta R.T.: 0.068 min
Response: 2175154
Conc: 6.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



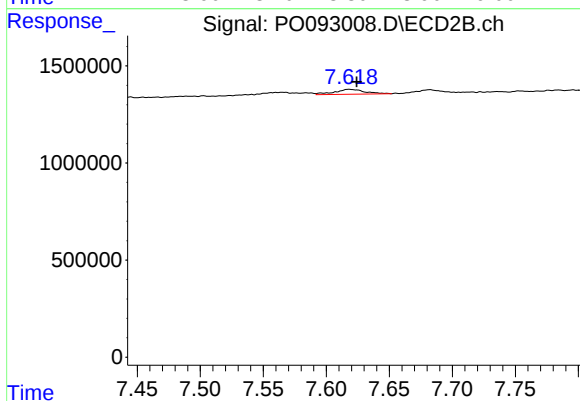
#41 AR-1268-1

R.T.: 7.618 min
Delta R.T.: 0.059 min
Response: 418457
Conc: 2.44 ng/ml



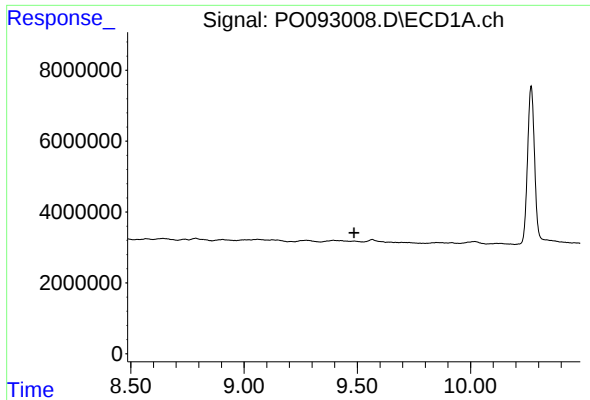
#42 AR-1268-2

R.T.: 8.787 min
Delta R.T.: -0.029 min
Response: 2175154
Conc: 7.35 ng/ml



#42 AR-1268-2

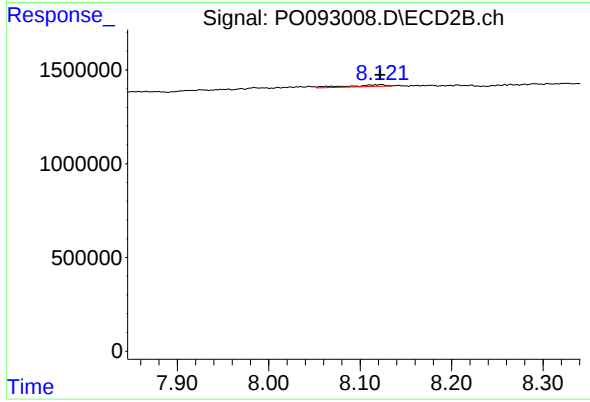
R.T.: 7.618 min
Delta R.T.: -0.006 min
Response: 418457
Conc: 2.75 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.485 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#44 AR-1268-4

R.T.: 8.117 min
Delta R.T.: -0.004 min
Response: 274470
Conc: 5.08 ng/ml