

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121222\
 Data File : PO091269.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2022 22:48
 Operator : YP/AJ
 Sample : PB149553BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 23:34:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.296	3.473	65127072	21102463	19.262	20.106
2)	SA Decachlor...	10.042	8.474	52430365	22555804	19.739	23.233
Target Compounds							
3)	L1 AR-1016-1	5.472	4.558	43810900	15338252	389.316	416.212
4)	L1 AR-1016-2	5.494	4.576	62798219	21215963	386.264	411.727
5)	L1 AR-1016-3	5.557	4.751	39634134	11431913	380.148	420.052
6)	L1 AR-1016-4	5.656	4.796	31163042	9919766	384.575	429.139
7)	L1 AR-1016-5	5.953	5.008	32626479	12475562	372.047	422.948
8)	L2 AR-1221-1	4.501	3.686	4721531	1593989	115.574	120.936
9)	L2 AR-1221-2	4.593	3.772	6121343	2036532	201.814	204.825
10)	L2 AR-1221-3	4.669	3.848	24833992	8265859	269.933	266.147
11)	L3 AR-1232-1	4.669	3.848	24833992	8265859	345.151	345.953
12)	L3 AR-1232-2	5.202	4.576	34322829	21215963	792.250	878.469
13)	L3 AR-1232-3	5.494	4.751	62798219	11431913	840.437	903.024
14)	L3 AR-1232-4	5.656	4.837	31163042	12191027	831.539	1008.554
15)	L3 AR-1232-5	5.748	5.008	27476583	12475562	918.838	922.395
16)	L4 AR-1242-1	5.472	4.558	43810900	15338252	490.838	528.238
17)	L4 AR-1242-2	5.494	4.576	62798219	21215963	494.596	526.318
18)	L4 AR-1242-3	5.557	4.751	39634134	11431913	475.455	546.649
19)	L4 AR-1242-4	5.656	4.837	31163042	12191027	490.557	533.894
20)	L4 AR-1242-5	6.398	5.361	5052753	10155170	73.945	359.919 #
21)	L5 AR-1248-1	5.472	4.558	43810900	15338252	615.035	651.976
22)	L5 AR-1248-2	5.748	4.796	27476583	9919766	259.191	302.987
23)	L5 AR-1248-3	5.953	4.837	32626479	12191027	277.244	359.195 #
24)	L5 AR-1248-4	6.358	5.008	4845634	12475562	39.625	312.652 #
25)	L5 AR-1248-5	6.398	5.402	5052753	1508958	44.053	42.097
26)	L6 AR-1254-1	6.332	5.361	25554112	10155170	203.470	173.276
27)	L6 AR-1254-2	6.552	5.511	27199739	9891774	144.252	185.342 #
28)	L6 AR-1254-3	6.921	5.930	14218872	17236309	75.859	211.562 #
29)	L6 AR-1254-4	7.208	6.145	9635151	1915291	69.749	39.146 #
30)	L6 AR-1254-5	7.630	6.563	78630866	32649002	512.491	437.980
31)	L7 AR-1260-1	7.087	6.046	57657471	24205989	375.847	418.050
32)	L7 AR-1260-2	7.346	6.236	66134665	28848473	378.902	422.465
33)	L7 AR-1260-3	7.708	6.388	44299439	26765204	389.706	408.049
34)	L7 AR-1260-4	7.933	6.862	53590932	20069116	395.479	420.208
35)	L7 AR-1260-5	8.251	7.106	92487005	44756062	364.119	411.693
36)	L8 AR-1262-1	7.708	6.602	44299439	21163519	242.457	281.570
37)	L8 AR-1262-2	8.251	7.106	92487005	44756062	298.986	351.581
38)	L8 AR-1262-3	8.570	7.391	61492378	9172941	285.210	174.068 #
39)	L8 AR-1262-4	8.648	7.454	14601647	33038353	146.691	347.858 #
40)	L8 AR-1262-5	9.295	7.952	23986693	10886511	207.803	238.698
41)	L9 AR-1268-1	8.570	7.391	61492378	9172941	166.992	61.495 #

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 Sample : PB149553BSD
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 ALS Vial : 25 Sample Multiplier: 1

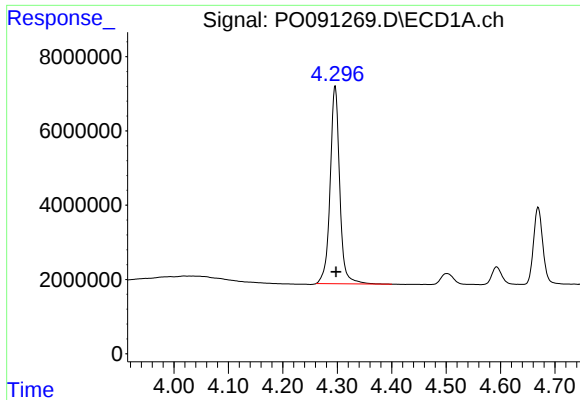
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 23:34:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
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 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
42) L9	AR-1268-2	8.648	7.454	14601647	33038353	43.912	245.873 #
43) L9	AR-1268-3	8.874	7.661	1760628	832480	6.180	7.213
44) L9	AR-1268-4	9.295	7.952	23986693	10886511	194.314	220.670
45) L9	AR-1268-5	9.706	8.231	8007129	3684499	8.799	10.882

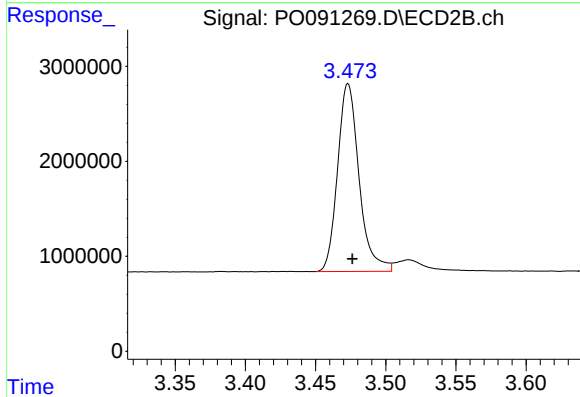
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

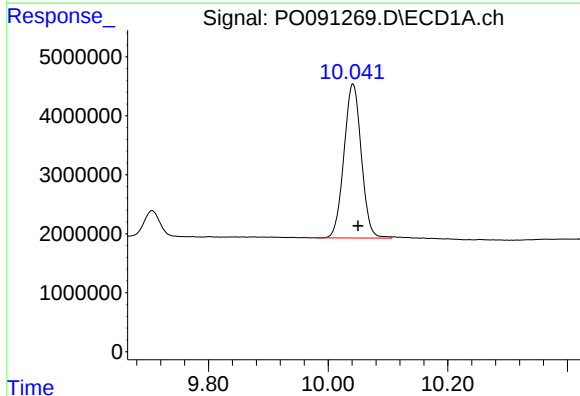
R.T.: 4.296 min
Delta R.T.: -0.002 min
Response: 65127072
Conc: 19.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



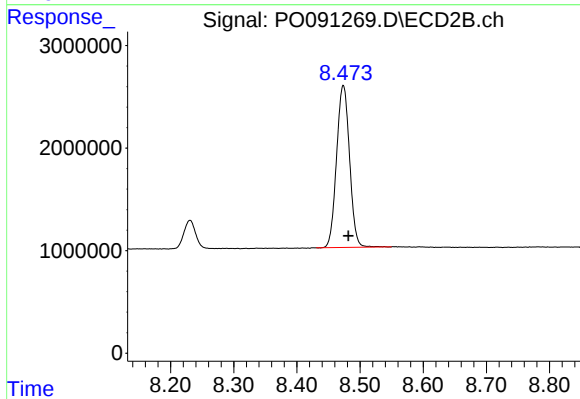
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: -0.003 min
Response: 21102463
Conc: 20.11 ng/ml



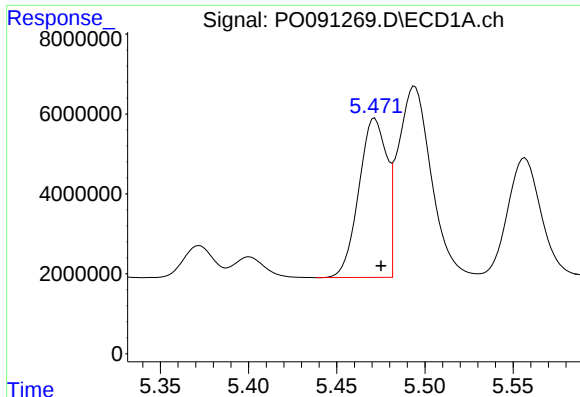
#2 Decachlorobiphenyl

R.T.: 10.042 min
Delta R.T.: -0.008 min
Response: 52430365
Conc: 19.74 ng/ml



#2 Decachlorobiphenyl

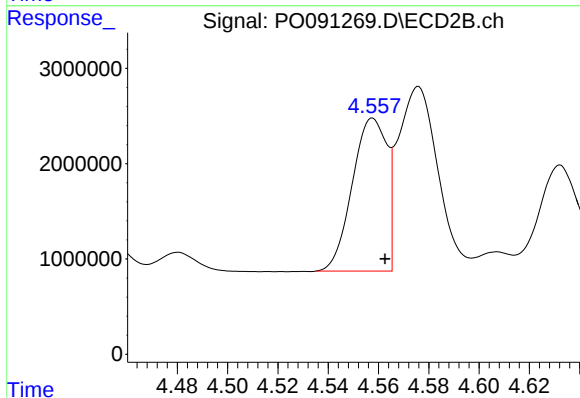
R.T.: 8.474 min
Delta R.T.: -0.008 min
Response: 22555804
Conc: 23.23 ng/ml



#3 AR-1016-1

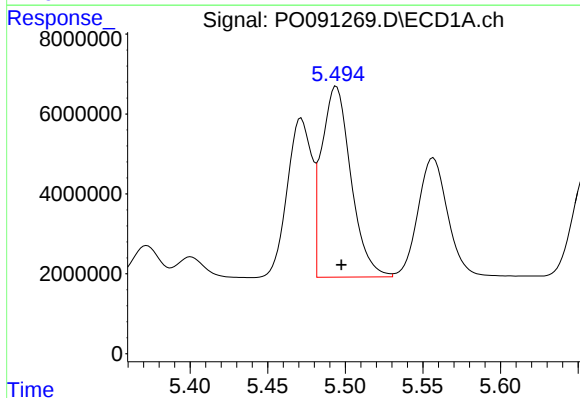
R.T.: 5.472 min
Delta R.T.: -0.004 min
Response: 43810900
Conc: 389.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



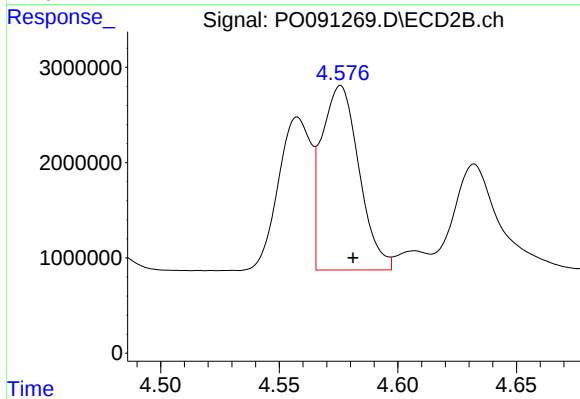
#3 AR-1016-1

R.T.: 4.558 min
Delta R.T.: -0.005 min
Response: 15338252
Conc: 416.21 ng/ml



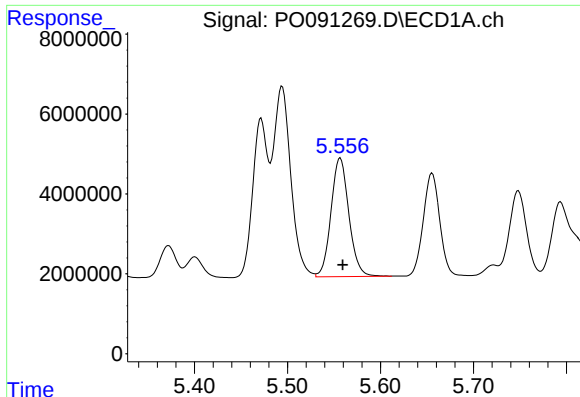
#4 AR-1016-2

R.T.: 5.494 min
Delta R.T.: -0.003 min
Response: 62798219
Conc: 386.26 ng/ml



#4 AR-1016-2

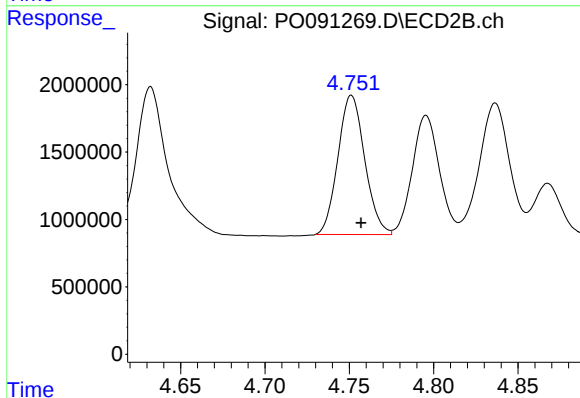
R.T.: 4.576 min
Delta R.T.: -0.005 min
Response: 21215963
Conc: 411.73 ng/ml



#5 AR-1016-3

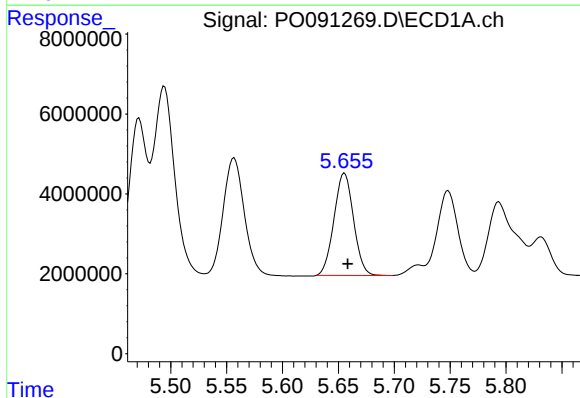
R.T.: 5.557 min
Delta R.T.: -0.003 min
Response: 39634134
Conc: 380.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



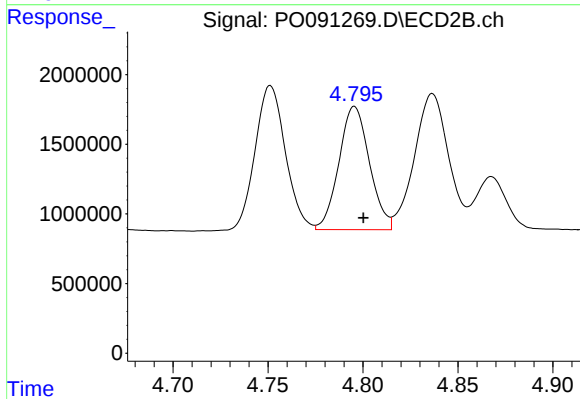
#5 AR-1016-3

R.T.: 4.751 min
Delta R.T.: -0.006 min
Response: 11431913
Conc: 420.05 ng/ml



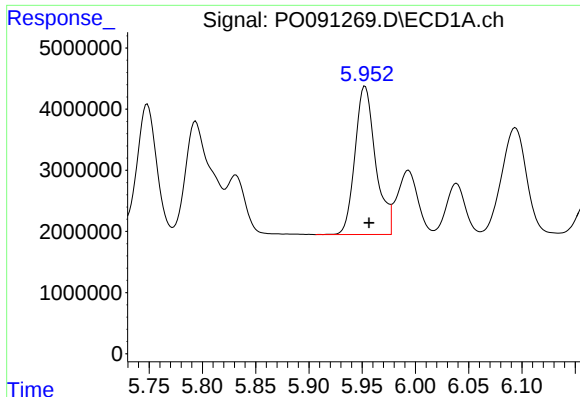
#6 AR-1016-4

R.T.: 5.656 min
Delta R.T.: -0.003 min
Response: 31163042
Conc: 384.57 ng/ml



#6 AR-1016-4

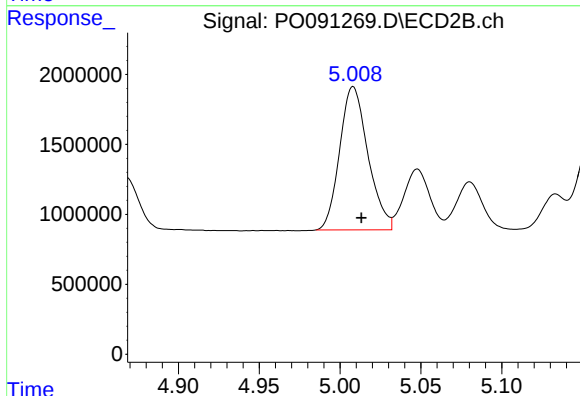
R.T.: 4.796 min
Delta R.T.: -0.005 min
Response: 9919766
Conc: 429.14 ng/ml



#7 AR-1016-5

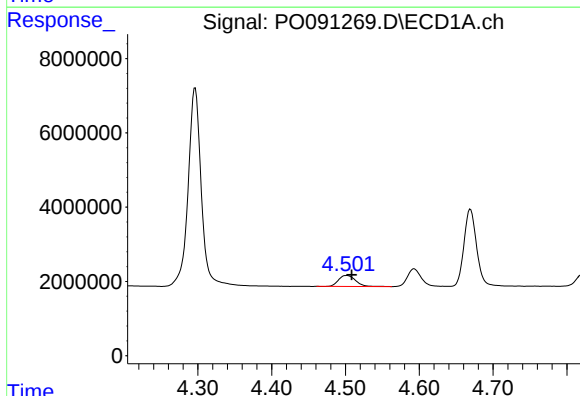
R.T.: 5.953 min
Delta R.T.: -0.004 min
Response: 32626479
Conc: 372.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



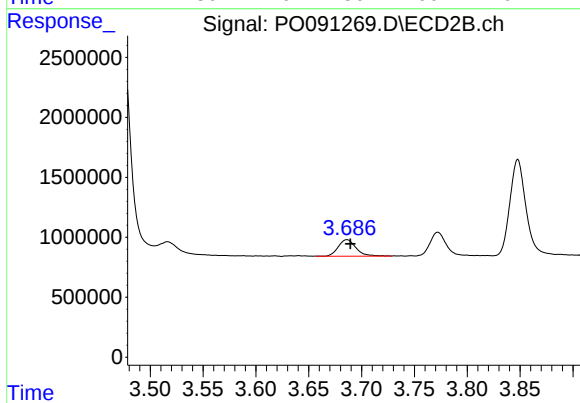
#7 AR-1016-5

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 12475562
Conc: 422.95 ng/ml



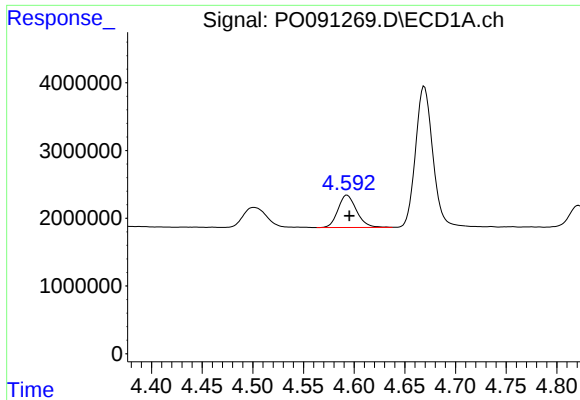
#8 AR-1221-1

R.T.: 4.501 min
Delta R.T.: -0.007 min
Response: 4721531
Conc: 115.57 ng/ml



#8 AR-1221-1

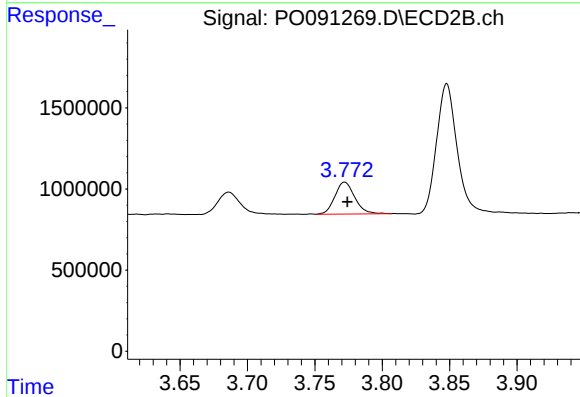
R.T.: 3.686 min
Delta R.T.: -0.003 min
Response: 1593989
Conc: 120.94 ng/ml



#9 AR-1221-2

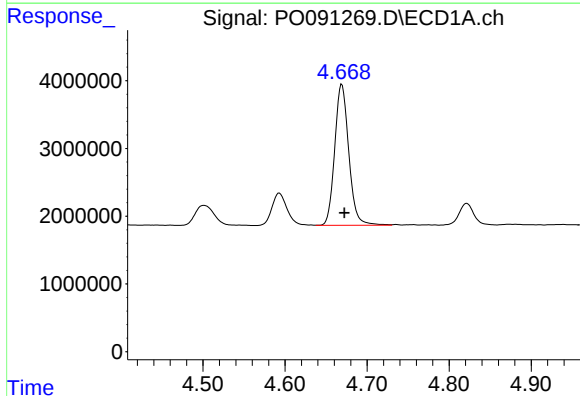
R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 6121343
Conc: 201.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



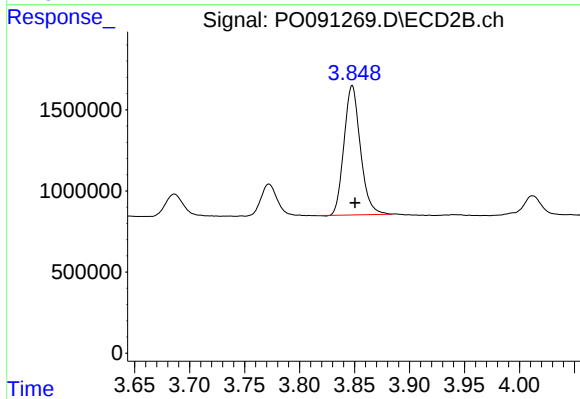
#9 AR-1221-2

R.T.: 3.772 min
Delta R.T.: -0.002 min
Response: 2036532
Conc: 204.83 ng/ml



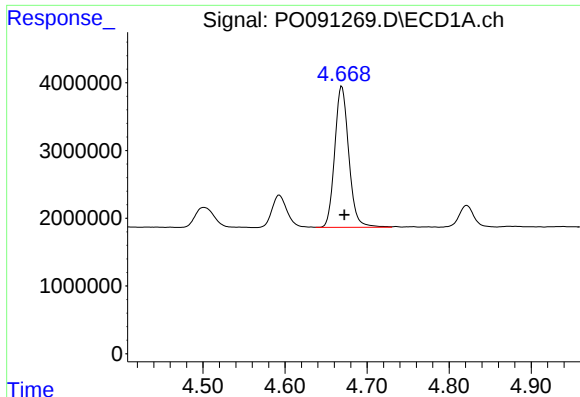
#10 AR-1221-3

R.T.: 4.669 min
Delta R.T.: -0.003 min
Response: 24833992
Conc: 269.93 ng/ml



#10 AR-1221-3

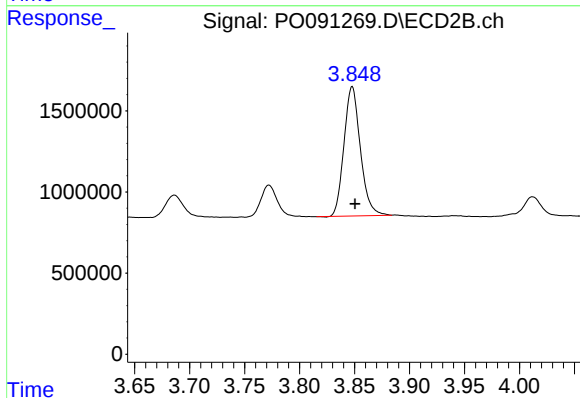
R.T.: 3.848 min
Delta R.T.: -0.003 min
Response: 8265859
Conc: 266.15 ng/ml



#11 AR-1232-1

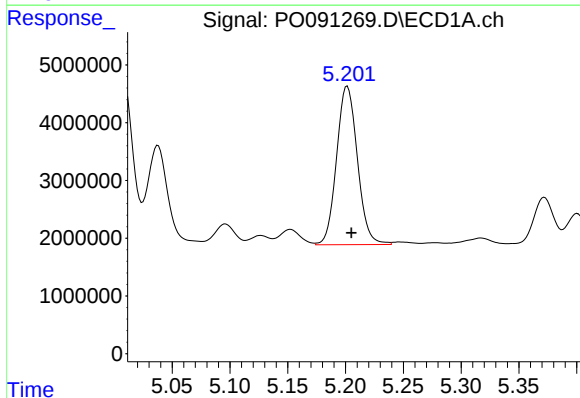
R.T.: 4.669 min
Delta R.T.: -0.003 min
Response: 24833992
Conc: 345.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



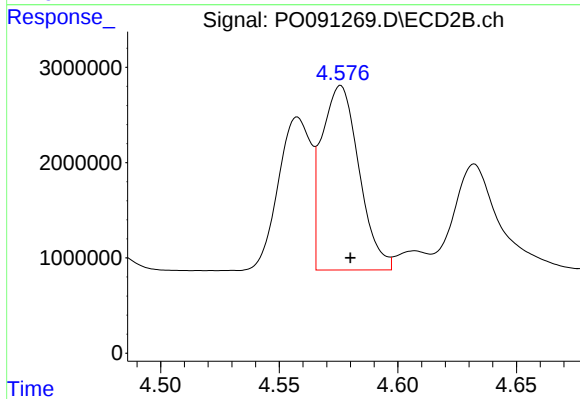
#11 AR-1232-1

R.T.: 3.848 min
Delta R.T.: -0.003 min
Response: 8265859
Conc: 345.95 ng/ml



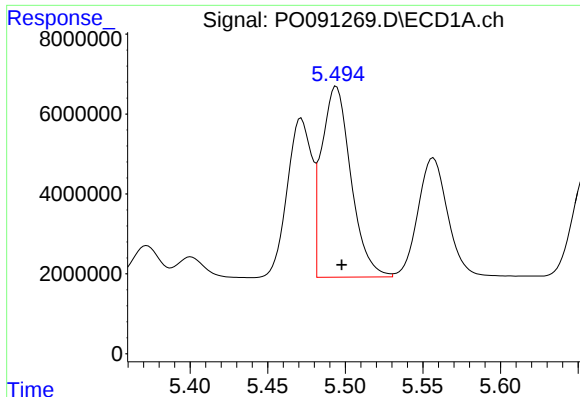
#12 AR-1232-2

R.T.: 5.202 min
Delta R.T.: -0.003 min
Response: 34322829
Conc: 792.25 ng/ml



#12 AR-1232-2

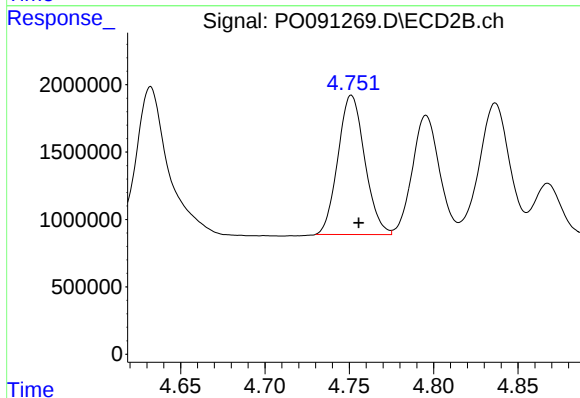
R.T.: 4.576 min
Delta R.T.: -0.004 min
Response: 21215963
Conc: 878.47 ng/ml



#13 AR-1232-3

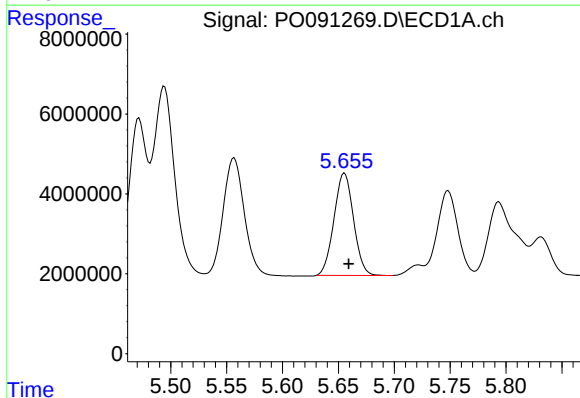
R.T.: 5.494 min
Delta R.T.: -0.004 min
Response: 62798219
Conc: 840.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



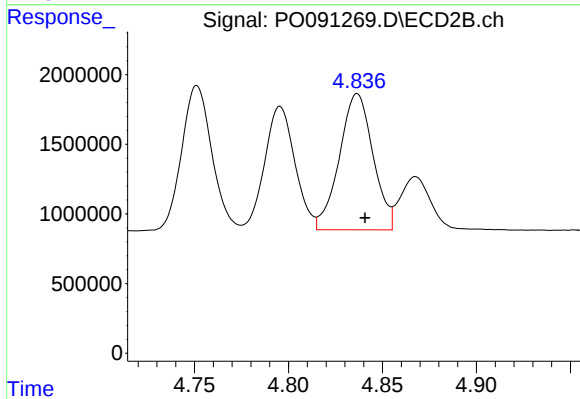
#13 AR-1232-3

R.T.: 4.751 min
Delta R.T.: -0.004 min
Response: 11431913
Conc: 903.02 ng/ml



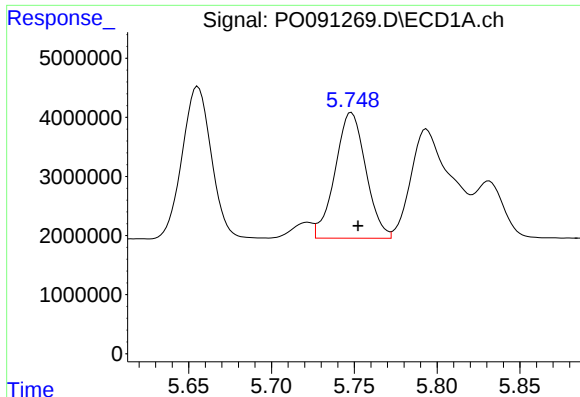
#14 AR-1232-4

R.T.: 5.656 min
Delta R.T.: -0.004 min
Response: 31163042
Conc: 831.54 ng/ml



#14 AR-1232-4

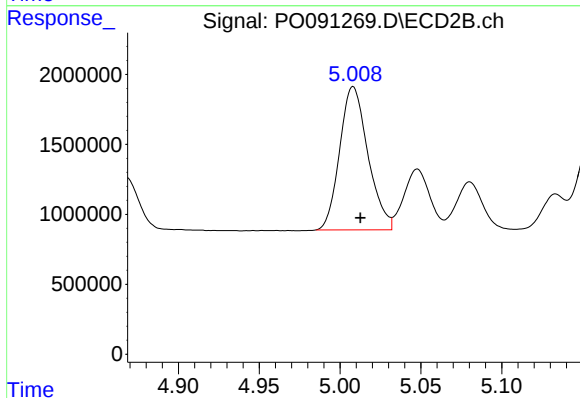
R.T.: 4.837 min
Delta R.T.: -0.004 min
Response: 12191027
Conc: 1008.55 ng/ml



#15 AR-1232-5

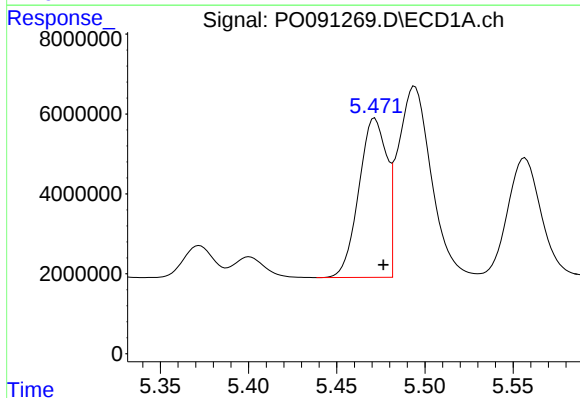
R.T.: 5.748 min
Delta R.T.: -0.004 min
Response: 27476583
Conc: 918.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



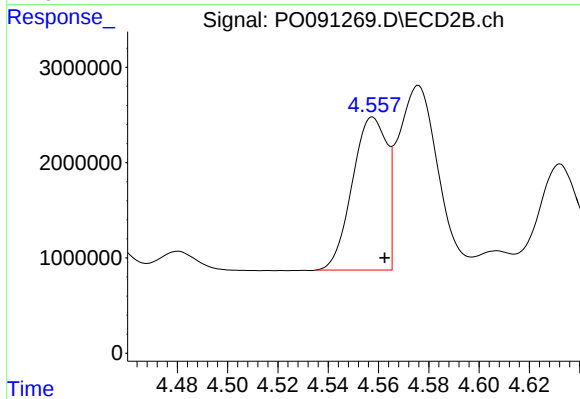
#15 AR-1232-5

R.T.: 5.008 min
Delta R.T.: -0.004 min
Response: 12475562
Conc: 922.40 ng/ml



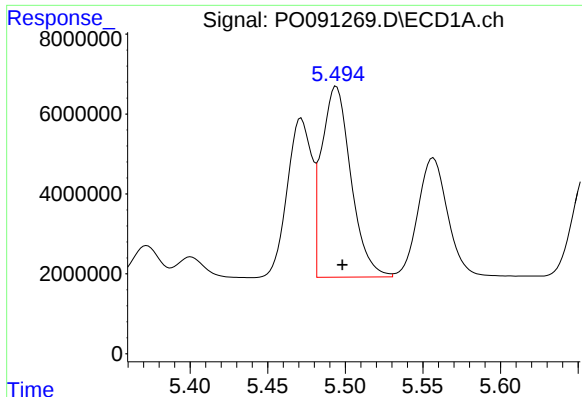
#16 AR-1242-1

R.T.: 5.472 min
Delta R.T.: -0.005 min
Response: 43810900
Conc: 490.84 ng/ml



#16 AR-1242-1

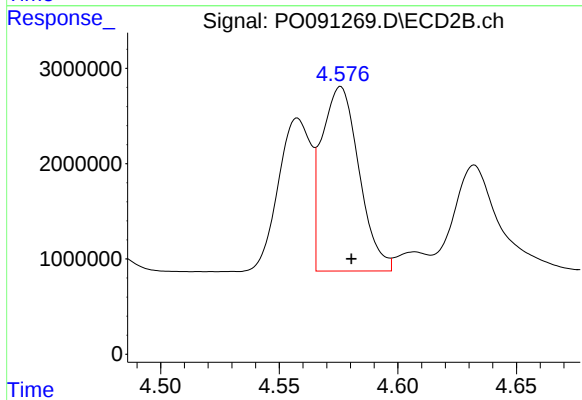
R.T.: 4.558 min
Delta R.T.: -0.005 min
Response: 15338252
Conc: 528.24 ng/ml



#17 AR-1242-2

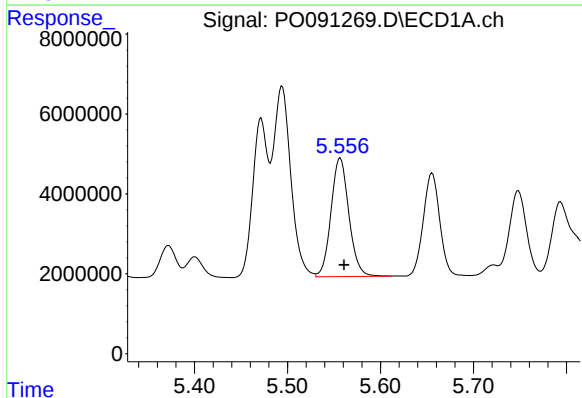
R.T.: 5.494 min
Delta R.T.: -0.004 min
Response: 62798219
Conc: 494.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



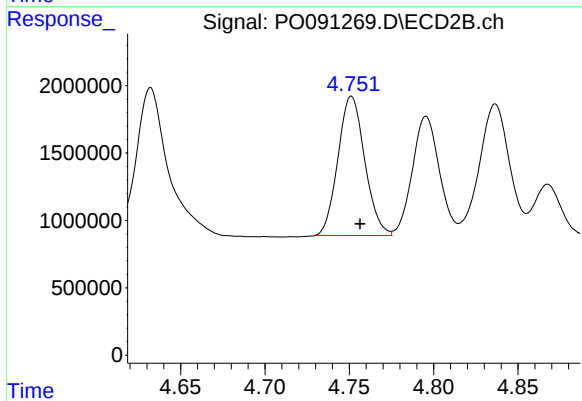
#17 AR-1242-2

R.T.: 4.576 min
Delta R.T.: -0.005 min
Response: 21215963
Conc: 526.32 ng/ml



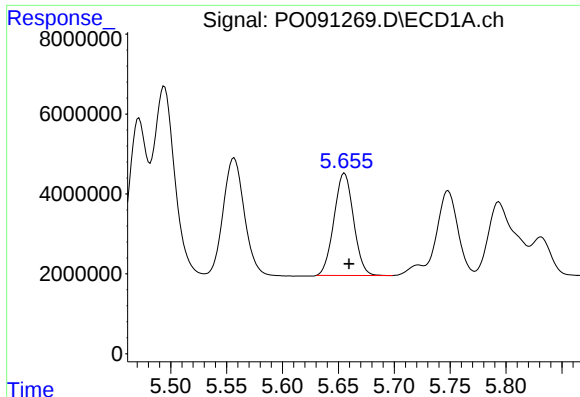
#18 AR-1242-3

R.T.: 5.557 min
Delta R.T.: -0.004 min
Response: 39634134
Conc: 475.46 ng/ml



#18 AR-1242-3

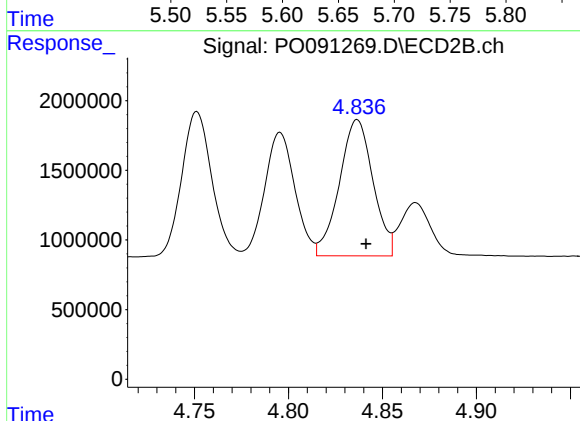
R.T.: 4.751 min
Delta R.T.: -0.005 min
Response: 11431913
Conc: 546.65 ng/ml



#19 AR-1242-4

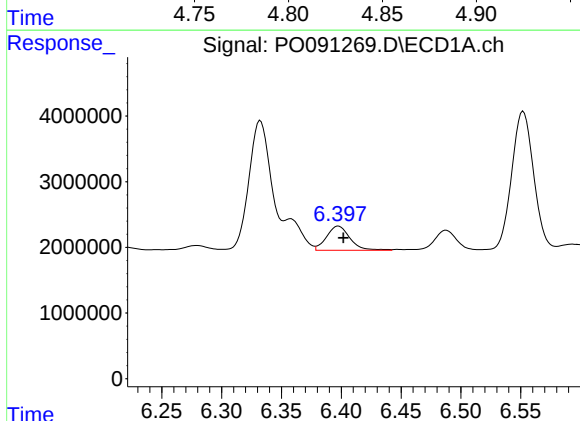
R.T.: 5.656 min
Delta R.T.: -0.004 min
Response: 31163042
Conc: 490.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



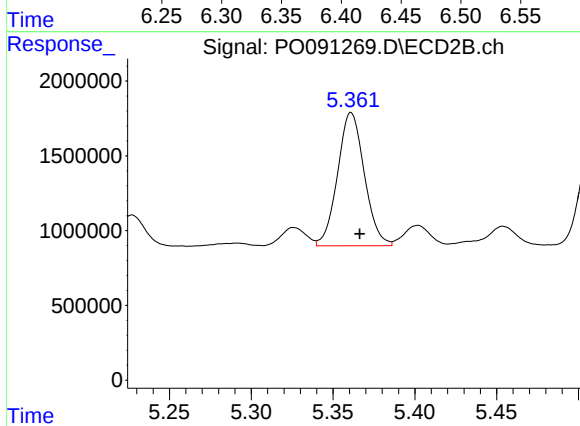
#19 AR-1242-4

R.T.: 4.837 min
Delta R.T.: -0.005 min
Response: 12191027
Conc: 533.89 ng/ml



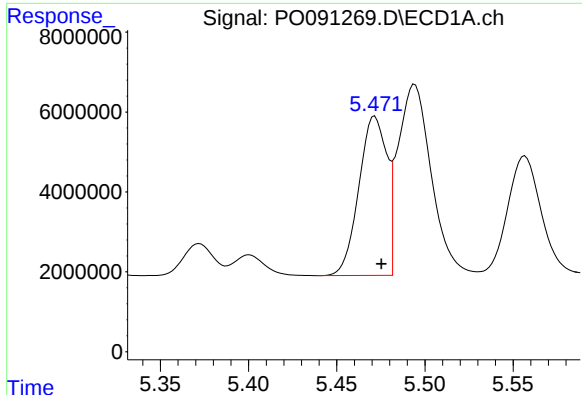
#20 AR-1242-5

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 5052753
Conc: 73.95 ng/ml



#20 AR-1242-5

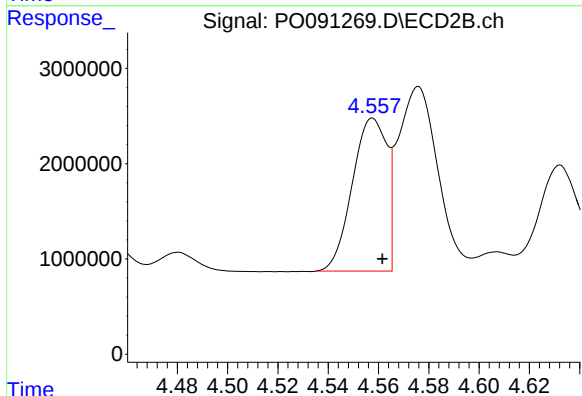
R.T.: 5.361 min
Delta R.T.: -0.005 min
Response: 10155170
Conc: 359.92 ng/ml



#21 AR-1248-1

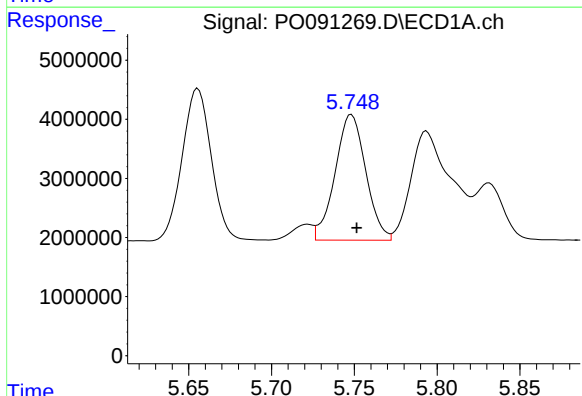
R.T.: 5.472 min
Delta R.T.: -0.004 min
Response: 43810900
Conc: 615.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



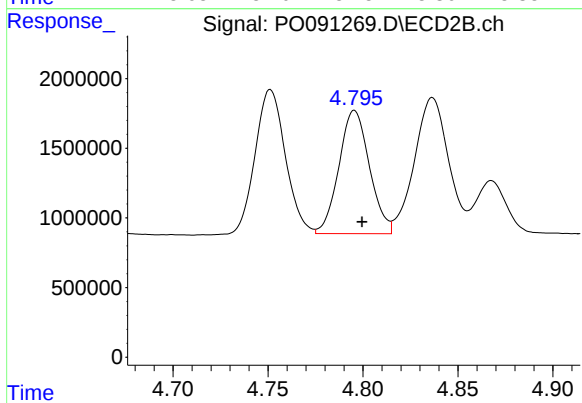
#21 AR-1248-1

R.T.: 4.558 min
Delta R.T.: -0.004 min
Response: 15338252
Conc: 651.98 ng/ml



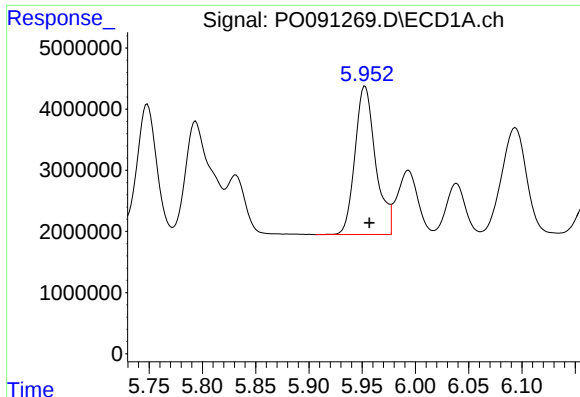
#22 AR-1248-2

R.T.: 5.748 min
Delta R.T.: -0.003 min
Response: 27476583
Conc: 259.19 ng/ml



#22 AR-1248-2

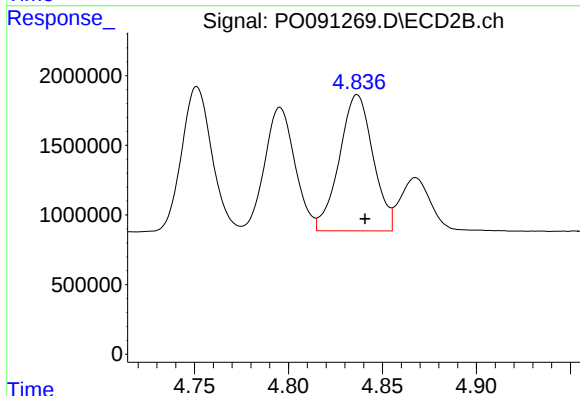
R.T.: 4.796 min
Delta R.T.: -0.004 min
Response: 9919766
Conc: 302.99 ng/ml



#23 AR-1248-3

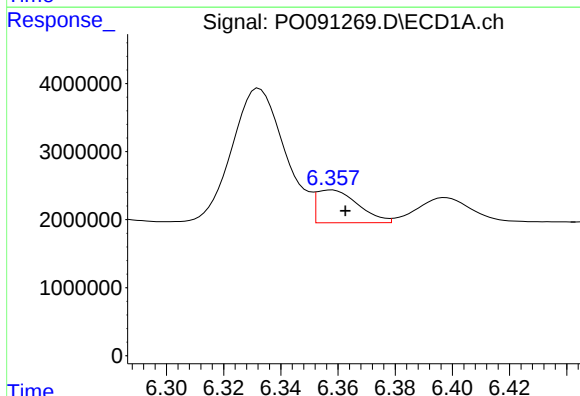
R.T.: 5.953 min
Delta R.T.: -0.004 min
Response: 32626479
Conc: 277.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



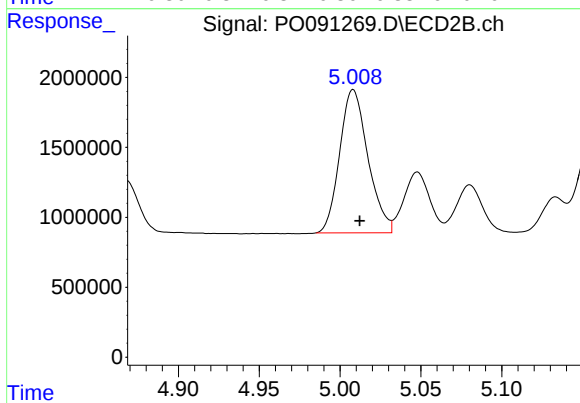
#23 AR-1248-3

R.T.: 4.837 min
Delta R.T.: -0.004 min
Response: 12191027
Conc: 359.20 ng/ml



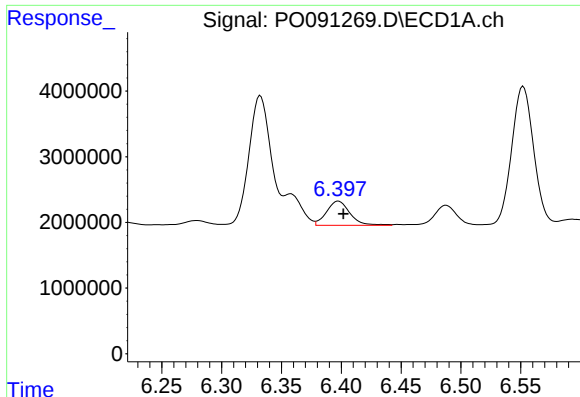
#24 AR-1248-4

R.T.: 6.358 min
Delta R.T.: -0.005 min
Response: 4845634
Conc: 39.62 ng/ml



#24 AR-1248-4

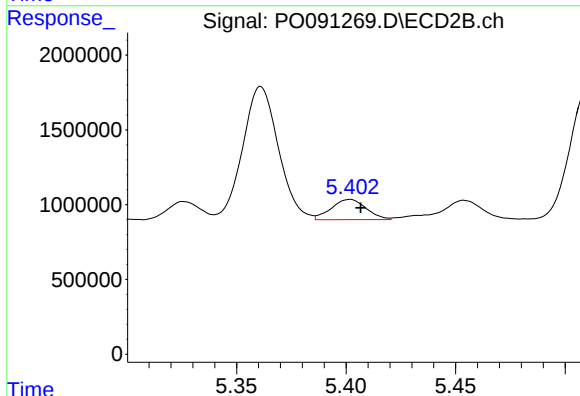
R.T.: 5.008 min
Delta R.T.: -0.004 min
Response: 12475562
Conc: 312.65 ng/ml



#25 AR-1248-5

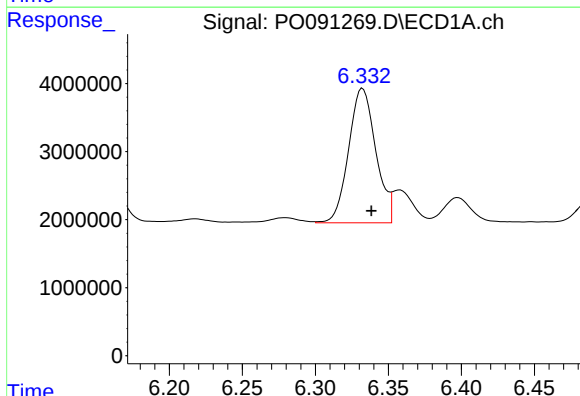
R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 5052753
Conc: 44.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



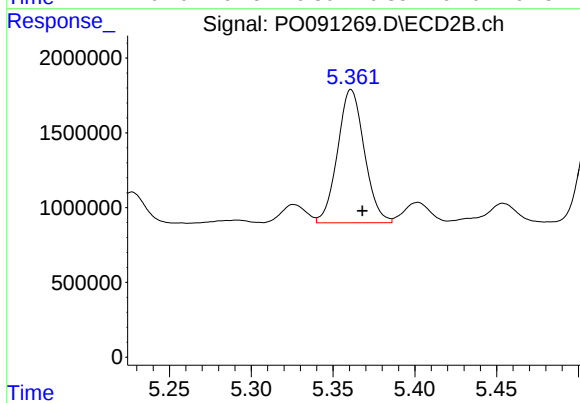
#25 AR-1248-5

R.T.: 5.402 min
Delta R.T.: -0.005 min
Response: 1508958
Conc: 42.10 ng/ml



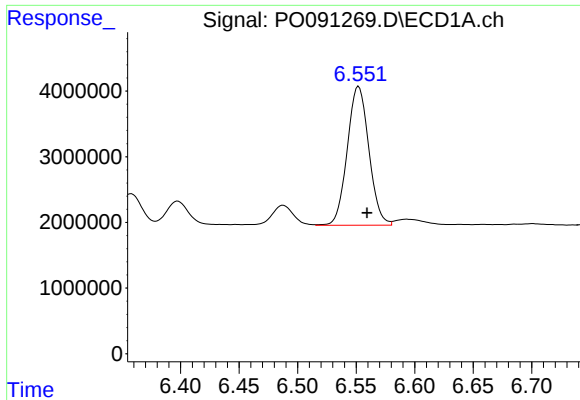
#26 AR-1254-1

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 25554112
Conc: 203.47 ng/ml



#26 AR-1254-1

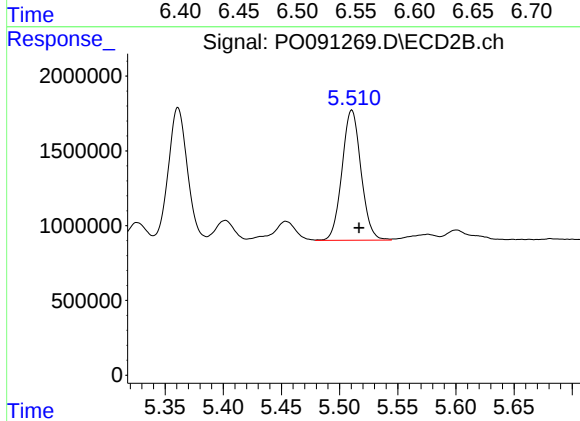
R.T.: 5.361 min
Delta R.T.: -0.007 min
Response: 10155170
Conc: 173.28 ng/ml



#27 AR-1254-2

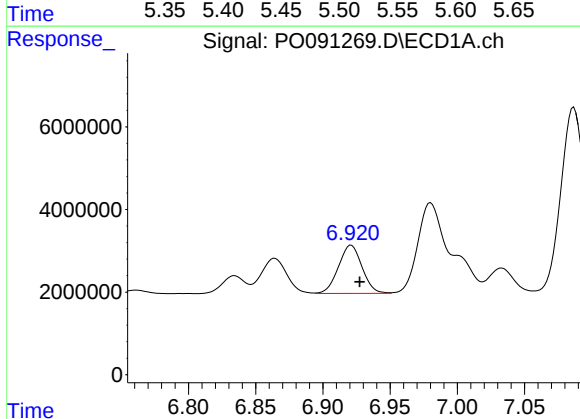
R.T.: 6.552 min
Delta R.T.: -0.007 min
Response: 27199739
Conc: 144.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



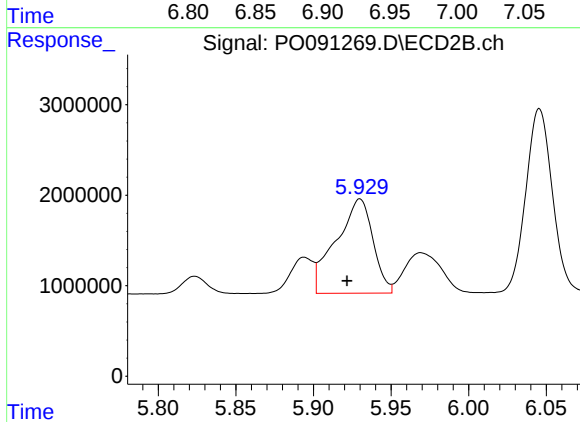
#27 AR-1254-2

R.T.: 5.511 min
Delta R.T.: -0.006 min
Response: 9891774
Conc: 185.34 ng/ml



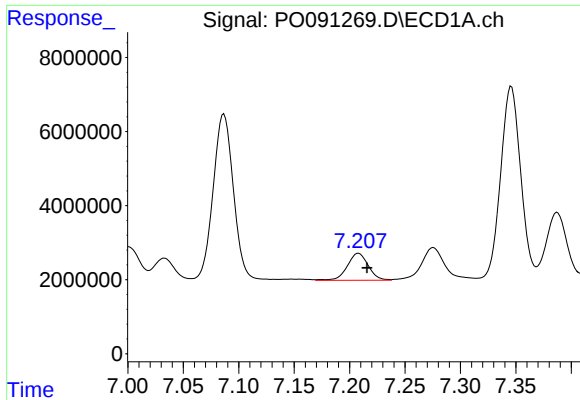
#28 AR-1254-3

R.T.: 6.921 min
Delta R.T.: -0.006 min
Response: 14218872
Conc: 75.86 ng/ml



#28 AR-1254-3

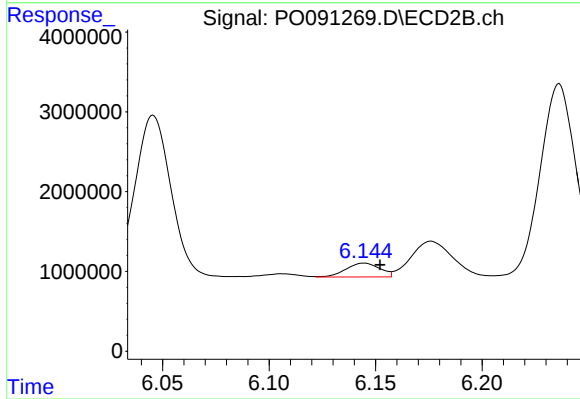
R.T.: 5.930 min
Delta R.T.: 0.008 min
Response: 17236309
Conc: 211.56 ng/ml



#29 AR-1254-4

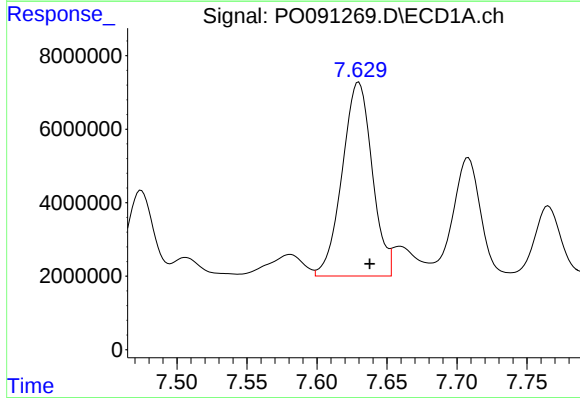
R.T.: 7.208 min
Delta R.T.: -0.008 min
Response: 9635151
Conc: 69.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



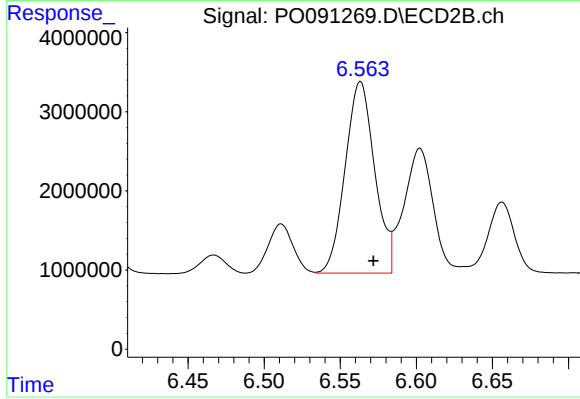
#29 AR-1254-4

R.T.: 6.145 min
Delta R.T.: -0.008 min
Response: 1915291
Conc: 39.15 ng/ml



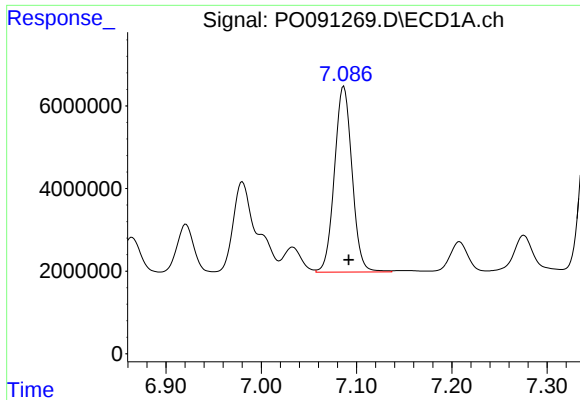
#30 AR-1254-5

R.T.: 7.630 min
Delta R.T.: -0.008 min
Response: 78630866
Conc: 512.49 ng/ml



#30 AR-1254-5

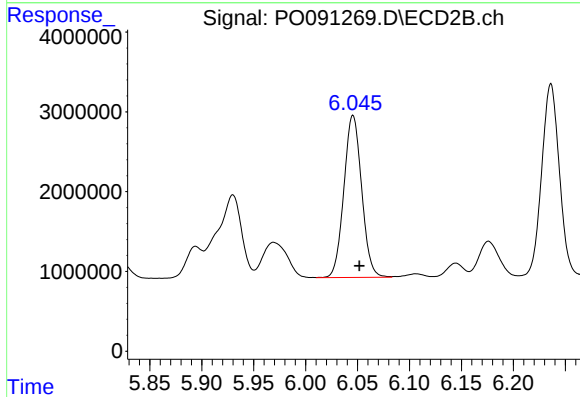
R.T.: 6.563 min
Delta R.T.: -0.009 min
Response: 32649002
Conc: 437.98 ng/ml



#31 AR-1260-1

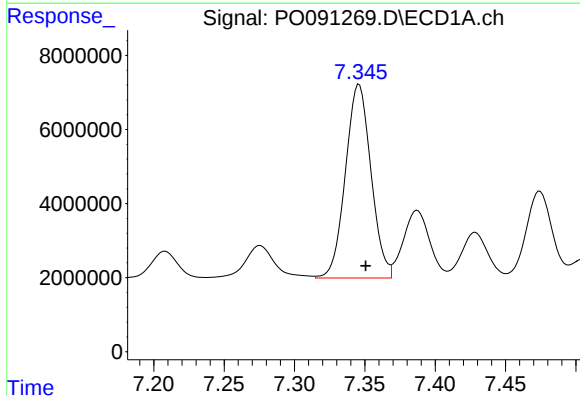
R.T.: 7.087 min
Delta R.T.: -0.005 min
Response: 57657471
Conc: 375.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



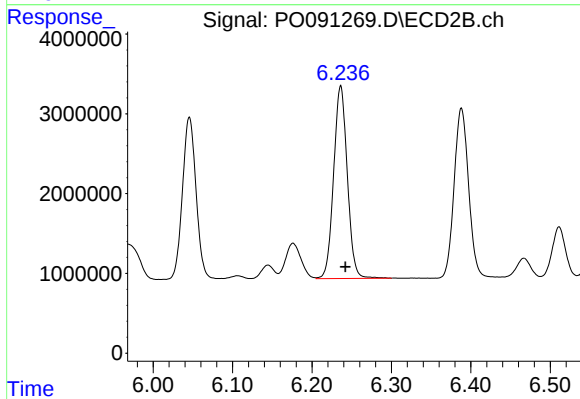
#31 AR-1260-1

R.T.: 6.046 min
Delta R.T.: -0.006 min
Response: 24205989
Conc: 418.05 ng/ml



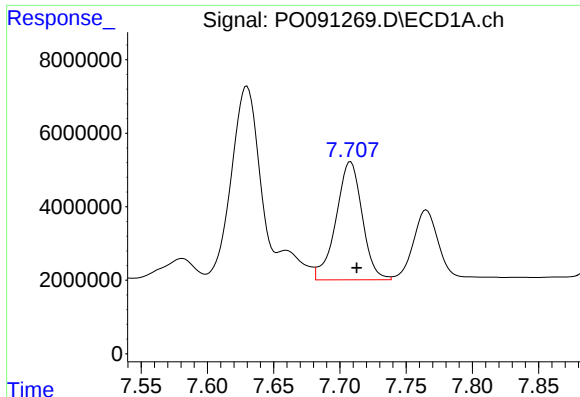
#32 AR-1260-2

R.T.: 7.346 min
Delta R.T.: -0.005 min
Response: 66134665
Conc: 378.90 ng/ml



#32 AR-1260-2

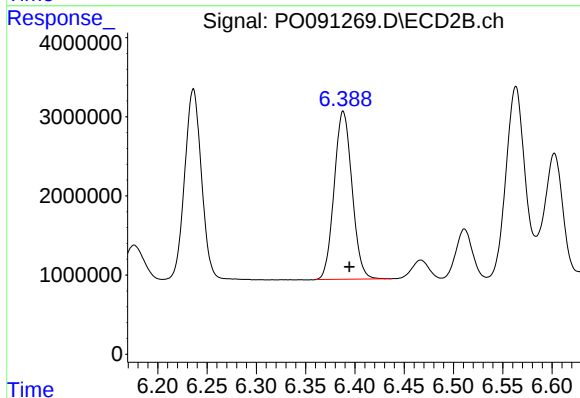
R.T.: 6.236 min
Delta R.T.: -0.006 min
Response: 28848473
Conc: 422.47 ng/ml



#33 AR-1260-3

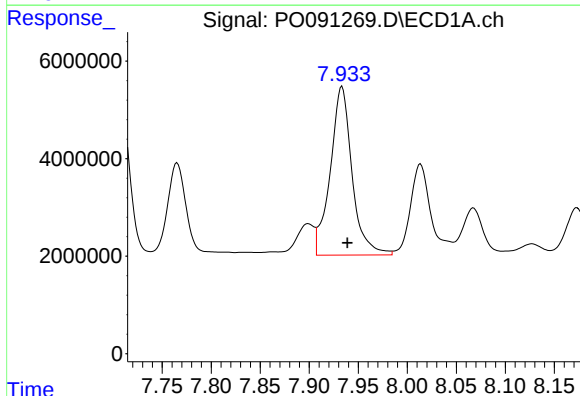
R.T.: 7.708 min
Delta R.T.: -0.005 min
Response: 44299439
Conc: 389.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



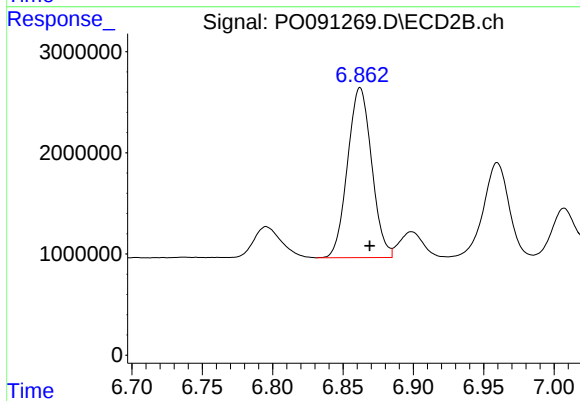
#33 AR-1260-3

R.T.: 6.388 min
Delta R.T.: -0.006 min
Response: 26765204
Conc: 408.05 ng/ml



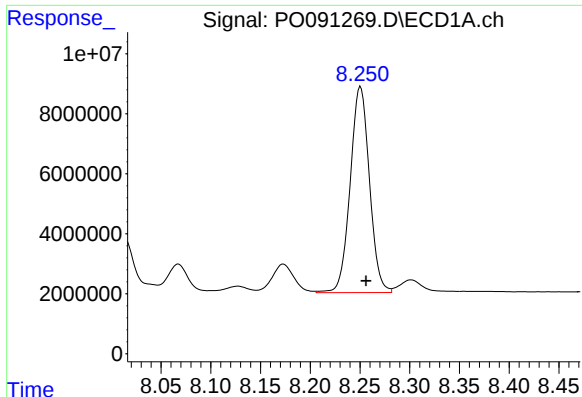
#34 AR-1260-4

R.T.: 7.933 min
Delta R.T.: -0.006 min
Response: 53590932
Conc: 395.48 ng/ml



#34 AR-1260-4

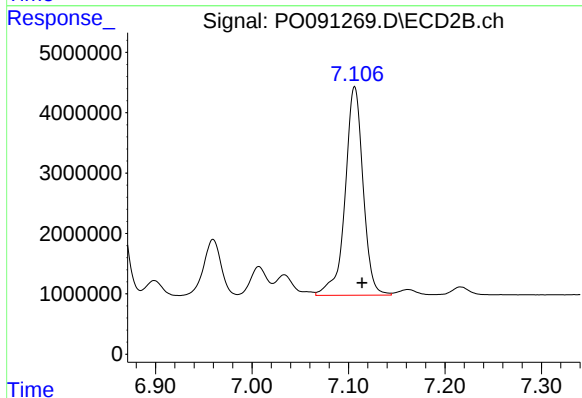
R.T.: 6.862 min
Delta R.T.: -0.007 min
Response: 20069116
Conc: 420.21 ng/ml



#35 AR-1260-5

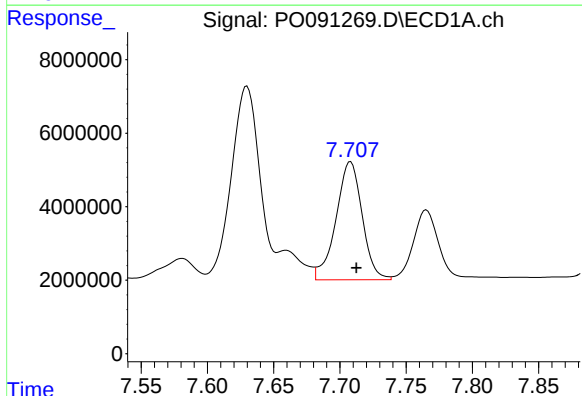
R.T.: 8.251 min
Delta R.T.: -0.005 min
Response: 92487005
Conc: 364.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



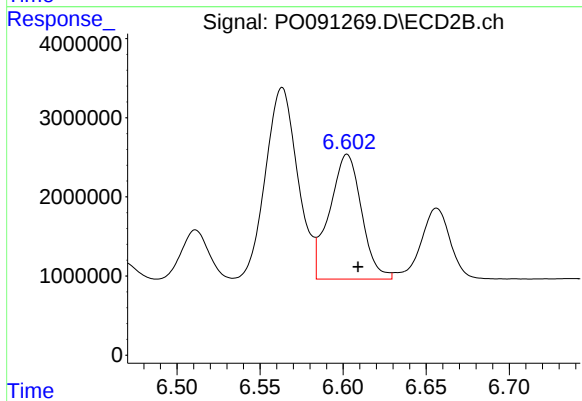
#35 AR-1260-5

R.T.: 7.106 min
Delta R.T.: -0.008 min
Response: 44756062
Conc: 411.69 ng/ml



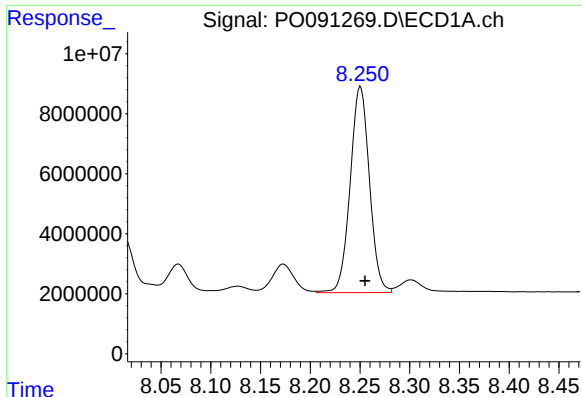
#36 AR-1262-1

R.T.: 7.708 min
Delta R.T.: -0.004 min
Response: 44299439
Conc: 242.46 ng/ml



#36 AR-1262-1

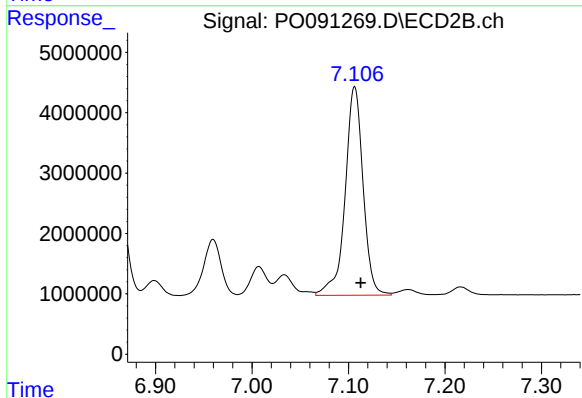
R.T.: 6.602 min
Delta R.T.: -0.007 min
Response: 21163519
Conc: 281.57 ng/ml



#37 AR-1262-2

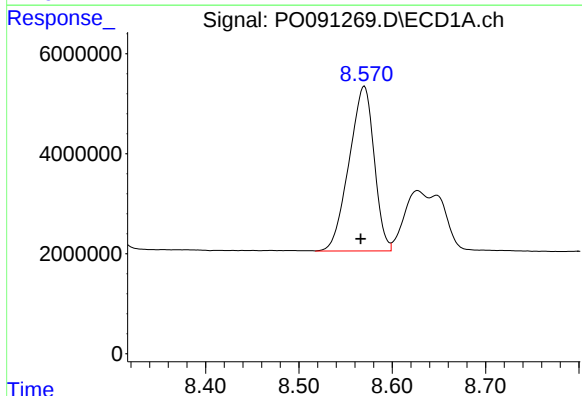
R.T.: 8.251 min
Delta R.T.: -0.005 min
Response: 92487005
Conc: 298.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



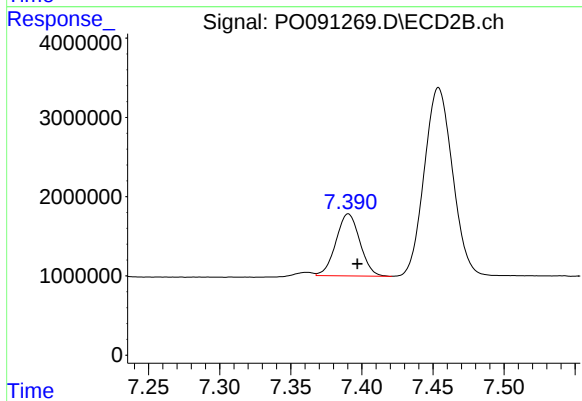
#37 AR-1262-2

R.T.: 7.106 min
Delta R.T.: -0.006 min
Response: 44756062
Conc: 351.58 ng/ml



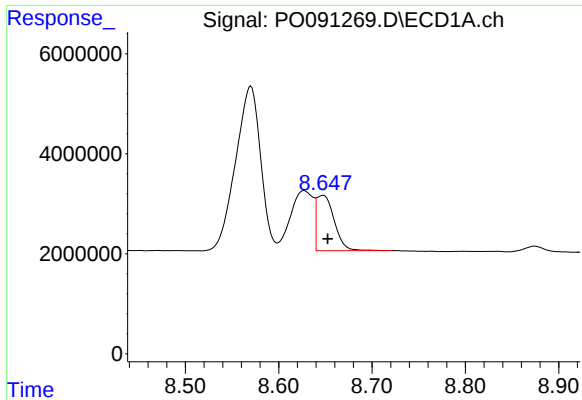
#38 AR-1262-3

R.T.: 8.570 min
Delta R.T.: 0.004 min
Response: 61492378
Conc: 285.21 ng/ml



#38 AR-1262-3

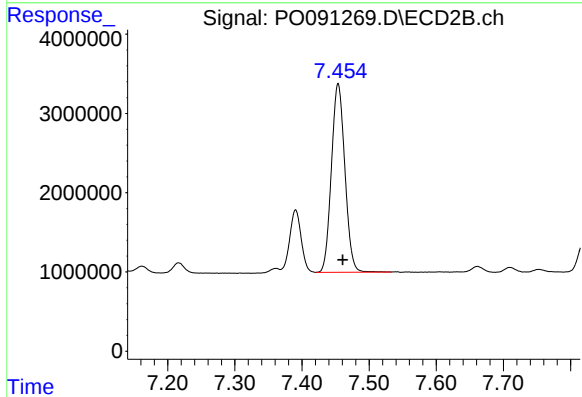
R.T.: 7.391 min
Delta R.T.: -0.006 min
Response: 9172941
Conc: 174.07 ng/ml



#39 AR-1262-4

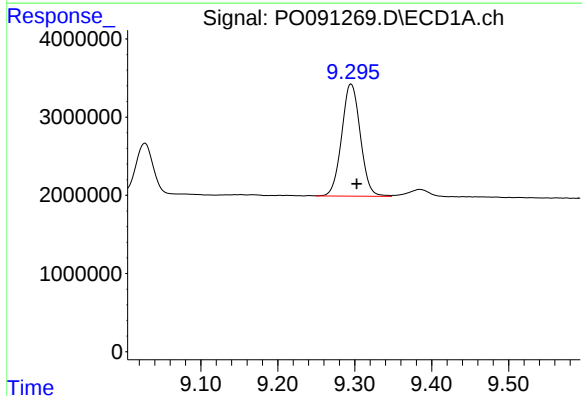
R.T.: 8.648 min
Delta R.T.: -0.005 min
Response: 14601647
Conc: 146.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



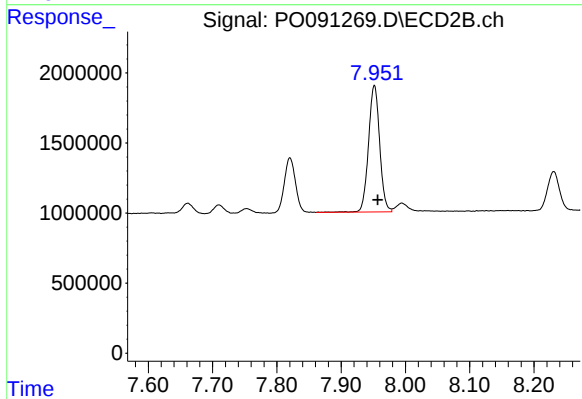
#39 AR-1262-4

R.T.: 7.454 min
Delta R.T.: -0.007 min
Response: 33038353
Conc: 347.86 ng/ml



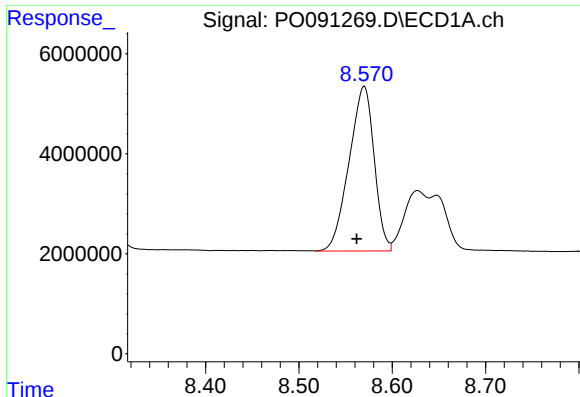
#40 AR-1262-5

R.T.: 9.295 min
Delta R.T.: -0.007 min
Response: 23986693
Conc: 207.80 ng/ml



#40 AR-1262-5

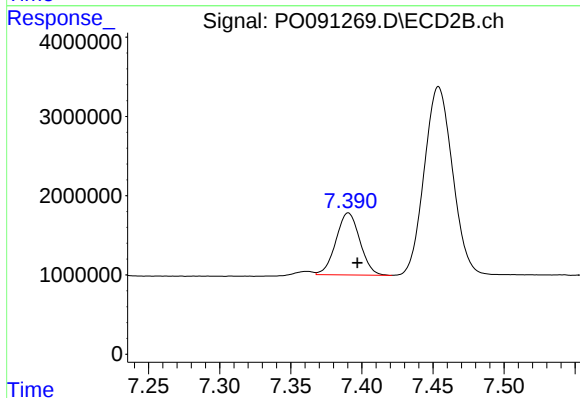
R.T.: 7.952 min
Delta R.T.: -0.005 min
Response: 10886511
Conc: 238.70 ng/ml



#41 AR-1268-1

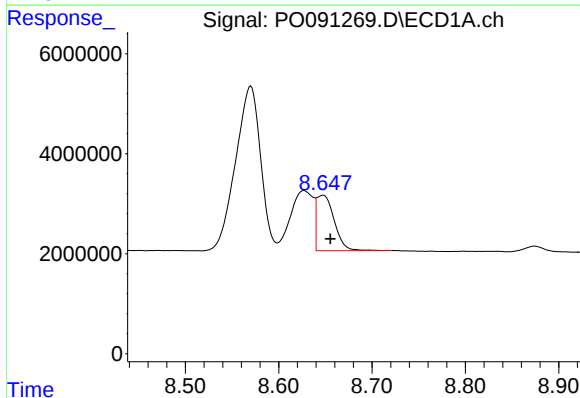
R.T.: 8.570 min
Delta R.T.: 0.008 min
Response: 61492378
Conc: 166.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



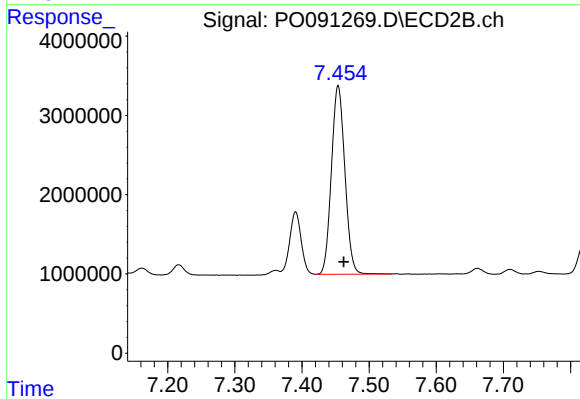
#41 AR-1268-1

R.T.: 7.391 min
Delta R.T.: -0.006 min
Response: 9172941
Conc: 61.50 ng/ml



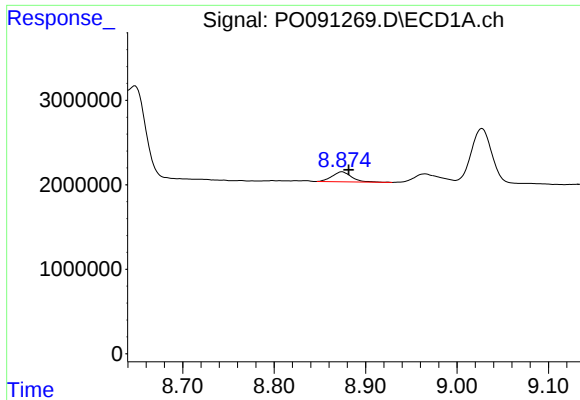
#42 AR-1268-2

R.T.: 8.648 min
Delta R.T.: -0.008 min
Response: 14601647
Conc: 43.91 ng/ml



#42 AR-1268-2

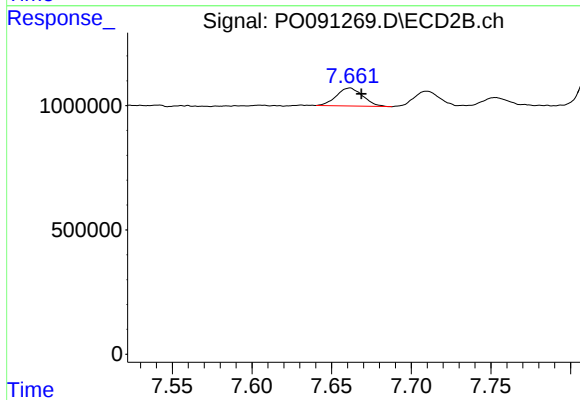
R.T.: 7.454 min
Delta R.T.: -0.008 min
Response: 33038353
Conc: 245.87 ng/ml



#43 AR-1268-3

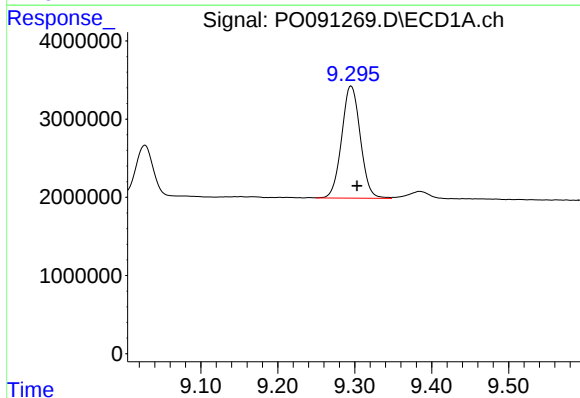
R.T.: 8.874 min
Delta R.T.: -0.007 min
Response: 1760628
Conc: 6.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



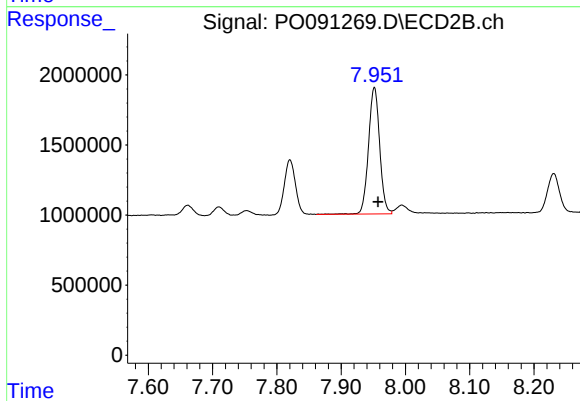
#43 AR-1268-3

R.T.: 7.661 min
Delta R.T.: -0.007 min
Response: 832480
Conc: 7.21 ng/ml



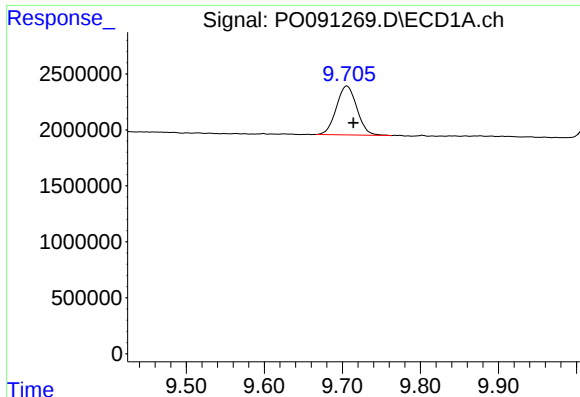
#44 AR-1268-4

R.T.: 9.295 min
Delta R.T.: -0.008 min
Response: 23986693
Conc: 194.31 ng/ml



#44 AR-1268-4

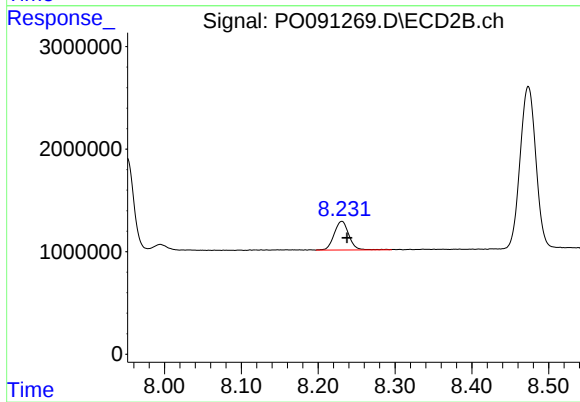
R.T.: 7.952 min
Delta R.T.: -0.006 min
Response: 10886511
Conc: 220.67 ng/ml



#45 AR-1268-5

R.T.: 9.706 min
Delta R.T.: -0.009 min
Response: 8007129
Conc: 8.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.231 min
Delta R.T.: -0.007 min
Response: 3684499
Conc: 10.88 ng/ml