

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072720\
 Data File : PQ048934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2020 14:52
 Operator : DD\AJ
 Sample : PB130494BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:46:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072420CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 24 16:48:23 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	5.270	4.292	76822781	41560149	17.440	19.079
2)	SA Decachlor...	11.521	9.653	286.7E6	147.1E6	29.837	28.903
Target Compounds							
3)	L1 AR-1016-1	6.600	5.553	19552403	10664248	92.143	95.034
4)	L1 AR-1016-2	6.625	5.574	27230957	13707063	93.160	90.258
5)	L1 AR-1016-3	6.692	5.767	16686610	7505454	91.848	90.753
6)	L1 AR-1016-4	6.802	5.817	14318549	6252113	91.360	89.874
7)	L1 AR-1016-5	7.115	6.049	15052287	6371309	95.857	73.361
8)	L2 AR-1221-1	5.513	4.548	1714499	1694280	36.352	64.029 #
9)	L2 AR-1221-2	5.626	4.649	3674442	1571840	77.713	79.465
10)	L2 AR-1221-3	5.712	4.738	8157350	4657414	57.558	70.028
11)	L3 AR-1232-1	5.712	4.738	8157350	4657414	78.887	81.808
12)	L3 AR-1232-2	6.305	5.574	11570264	13707063	210.434	207.784
13)	L3 AR-1232-3	6.625	5.767	27230957	7505454	202.447	212.983
14)	L3 AR-1232-4	6.802	5.862	14318549	7611287	216.142	227.604
15)	L3 AR-1232-5	6.895	6.049	11110557	6371309	188.511	182.201
16)	L4 AR-1242-1	6.600	5.553	19552403	10664248	123.381	128.213
17)	L4 AR-1242-2	6.625	5.574	27230957	13707063	126.616	122.139
18)	L4 AR-1242-3	6.692	5.767	16686610	7505454	123.060	121.829
19)	L4 AR-1242-4	6.802	5.862	14318549	7611287	123.429	120.764
20)	L4 AR-1242-5	7.583	6.427	4941642	7419273	32.057	77.528 #
21)	L5 AR-1248-1	6.600	5.553	19552403	10664248	154.421	157.475
22)	L5 AR-1248-2	6.895	5.817	11110557	6252113	63.604	67.389
23)	L5 AR-1248-3	7.115	5.862	15052287	7611287	73.333	80.609
24)	L5 AR-1248-4	7.545	6.049	4261408	6371309	16.453	55.661 #
25)	L5 AR-1248-5	7.583	6.469	4941642	1379659	20.061	10.550 #
26)	L6 AR-1254-1	7.514	6.427	15906336	7419273	63.491	38.158 #
27)	L6 AR-1254-2	7.742	6.585	12541615	7188926	31.365	40.617 #
28)	L6 AR-1254-3	8.129	7.025	7362830	15113982	16.992	49.365 #
29)	L6 AR-1254-4	8.425	7.245	6698125	2516378	18.319	12.068 #
30)	L6 AR-1254-5	8.855	7.675	46242220	27778050	118.486	93.123
31)	L7 AR-1260-1	8.295	7.144	30439581	21431245	92.406	100.159
32)	L7 AR-1260-2	8.560	7.340	41016276	24673823	95.207	90.088
33)	L7 AR-1260-3	8.928	7.497	27333134	21641647	76.023	86.156
34)	L7 AR-1260-4	9.176	7.981	29960884	16542089	75.120	71.759
35)	L7 AR-1260-5	9.528	8.226	67646740	42298092	73.907	70.674
36)	L8 AR-1262-1	8.928	7.675	27333134	27778050	46.011	154.860 #
37)	L8 AR-1262-2	9.528	8.226	67646740	42298092	59.388	61.686
38)	L8 AR-1262-3	9.862	8.516	14991401	10207357	26.924	35.843 #
39)	L8 AR-1262-4	9.948	8.578	26268525	33766900	40.063	64.620 #
40)	L8 AR-1262-5	10.696	9.085	21557171	11061563	41.900	40.949
41)	L9 AR-1268-1	9.862	8.516	14991401	10207357	11.090	13.017

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 Sample : PB130494BS
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 ALS Vial : 8 Sample Multiplier: 1

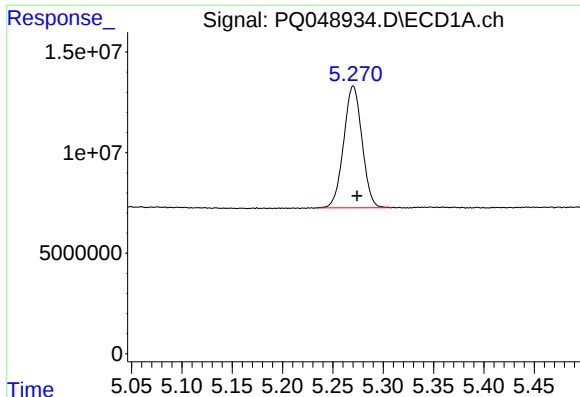
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:46:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072420CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.948	8.578	26268525	33766900	20.264	46.161 #
43) L9	AR-1268-3	10.217	8.791	3482001	2146275	3.067	3.474
44) L9	AR-1268-4	10.696	9.085	21557171	11061563	41.000	39.049
45) L9	AR-1268-5	11.149	9.388	9512650	4708429	2.430	2.222

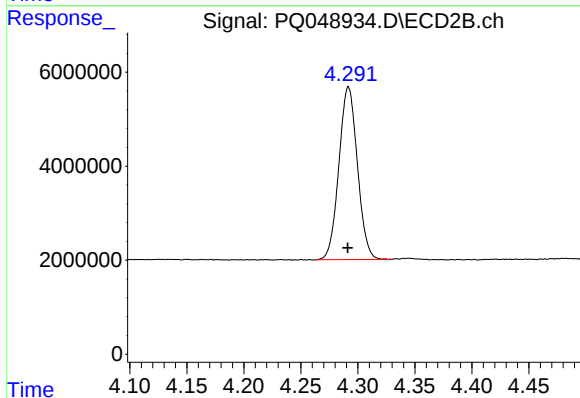
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

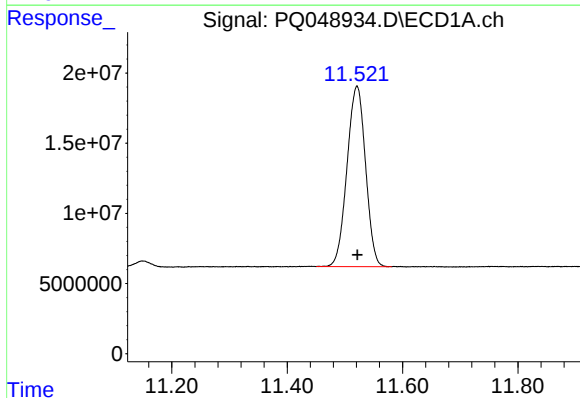
R.T.: 5.270 min
Delta R.T.: -0.004 min
Response: 76822781
Conc: 17.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



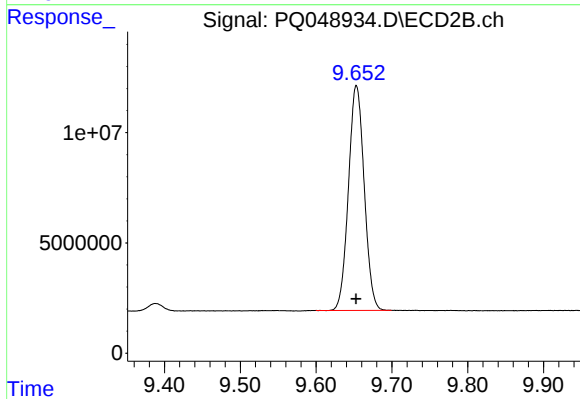
#1 Tetrachloro-m-xylene

R.T.: 4.292 min
Delta R.T.: 0.000 min
Response: 41560149
Conc: 19.08 ng/ml



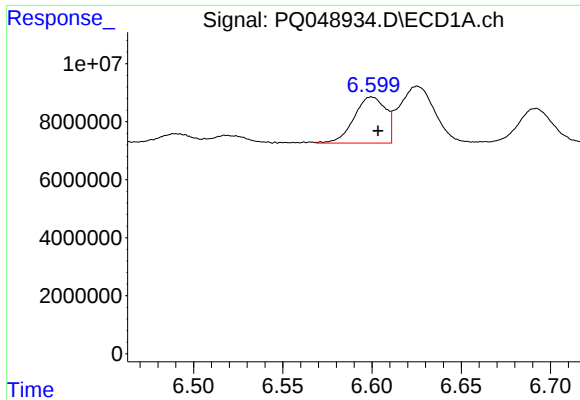
#2 Decachlorobiphenyl

R.T.: 11.521 min
Delta R.T.: 0.000 min
Response: 286684550
Conc: 29.84 ng/ml



#2 Decachlorobiphenyl

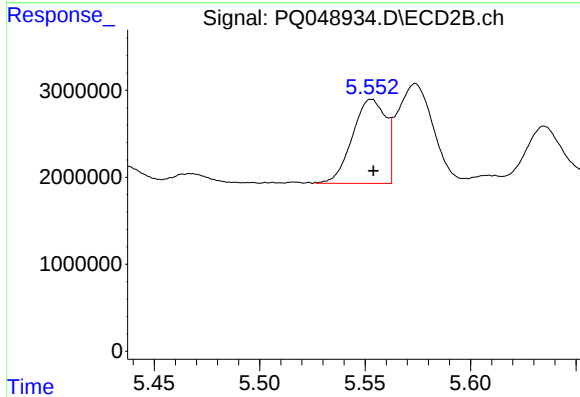
R.T.: 9.653 min
Delta R.T.: 0.000 min
Response: 147104571
Conc: 28.90 ng/ml



#3 AR-1016-1

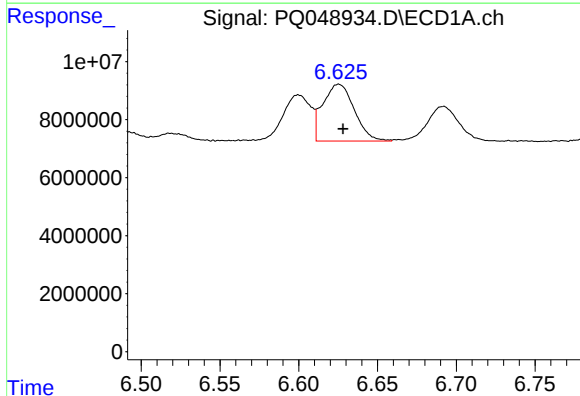
R.T.: 6.600 min
Delta R.T.: -0.004 min
Response: 19552403
Conc: 92.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



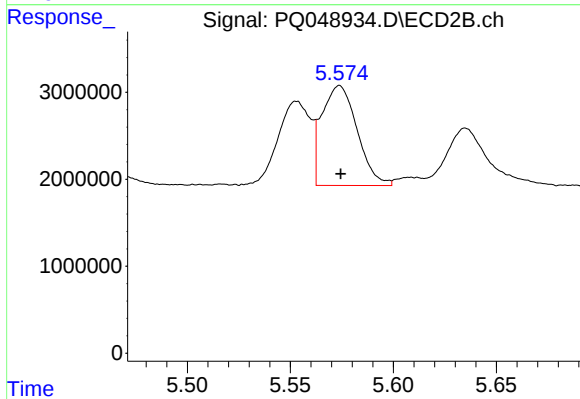
#3 AR-1016-1

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 10664248
Conc: 95.03 ng/ml



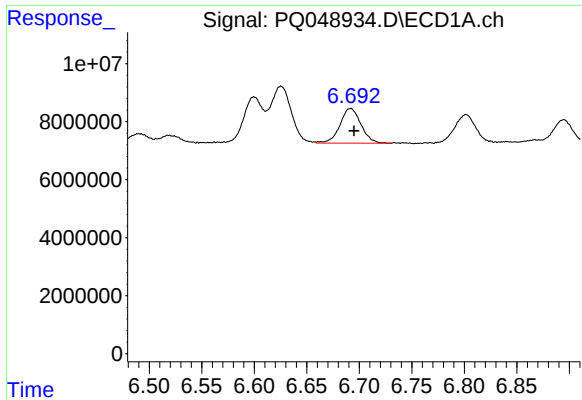
#4 AR-1016-2

R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 27230957
Conc: 93.16 ng/ml



#4 AR-1016-2

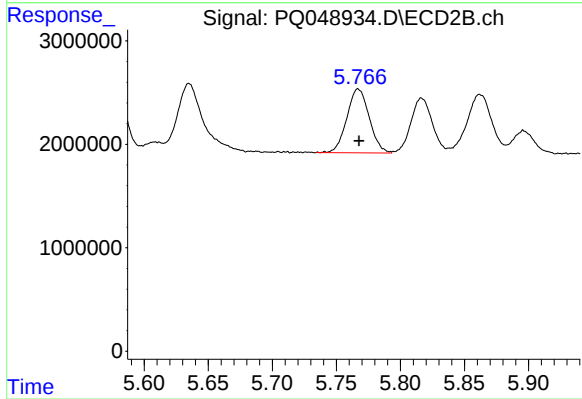
R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 13707063
Conc: 90.26 ng/ml



#5 AR-1016-3

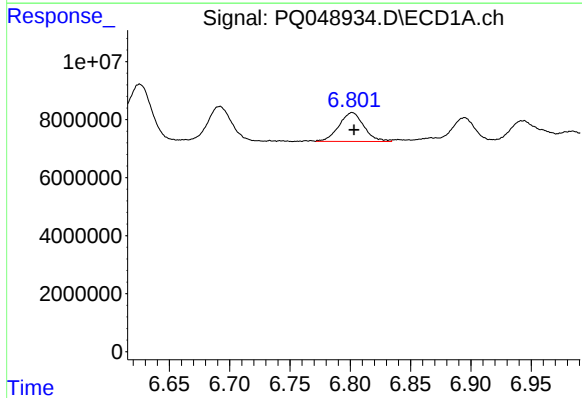
R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 16686610
Conc: 91.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



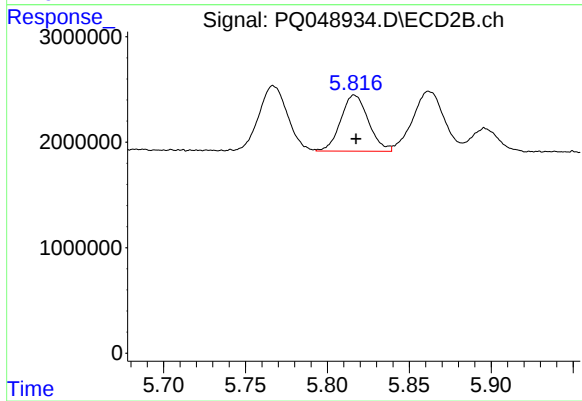
#5 AR-1016-3

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 7505454
Conc: 90.75 ng/ml



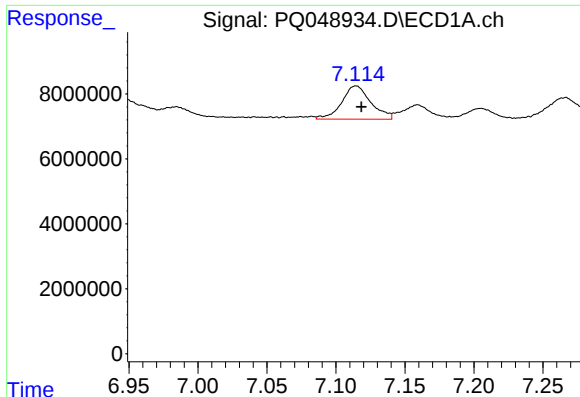
#6 AR-1016-4

R.T.: 6.802 min
Delta R.T.: -0.002 min
Response: 14318549
Conc: 91.36 ng/ml



#6 AR-1016-4

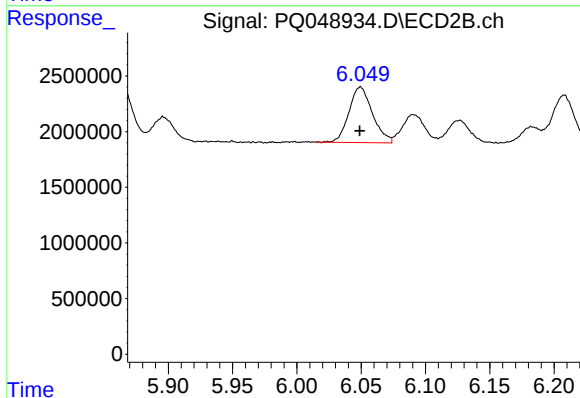
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 6252113
Conc: 89.87 ng/ml



#7 AR-1016-5

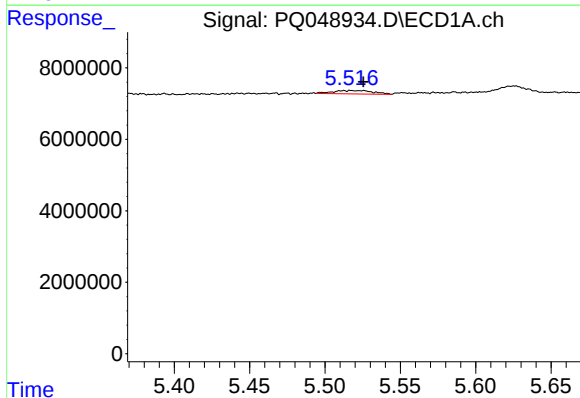
R.T.: 7.115 min
Delta R.T.: -0.004 min
Response: 15052287
Conc: 95.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



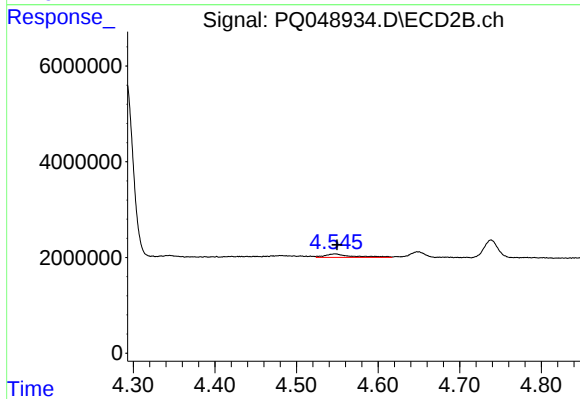
#7 AR-1016-5

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 6371309
Conc: 73.36 ng/ml



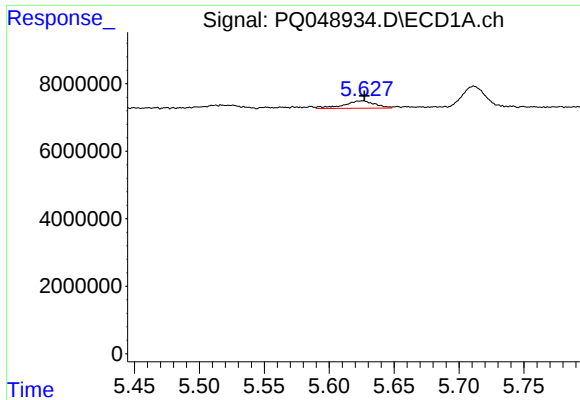
#8 AR-1221-1

R.T.: 5.513 min
Delta R.T.: -0.013 min
Response: 1714499
Conc: 36.35 ng/ml



#8 AR-1221-1

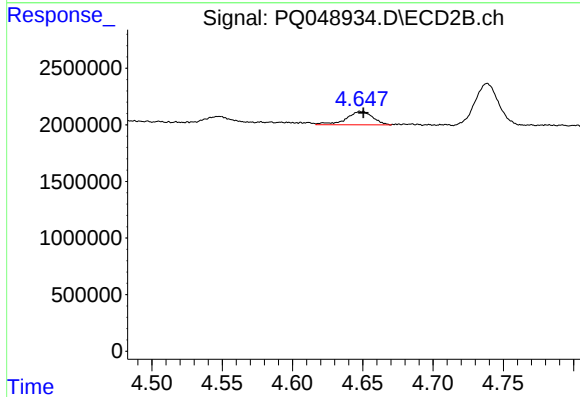
R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 1694280
Conc: 64.03 ng/ml



#9 AR-1221-2

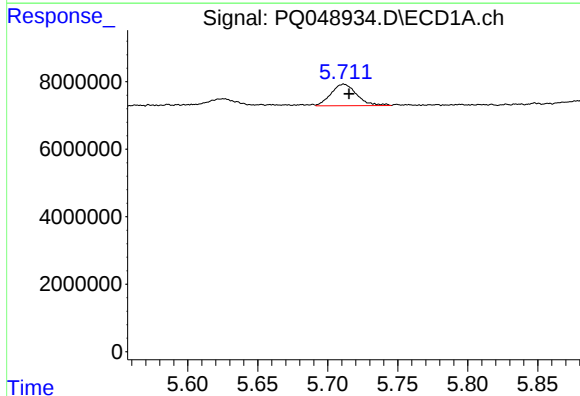
R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 3674442
Conc: 77.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



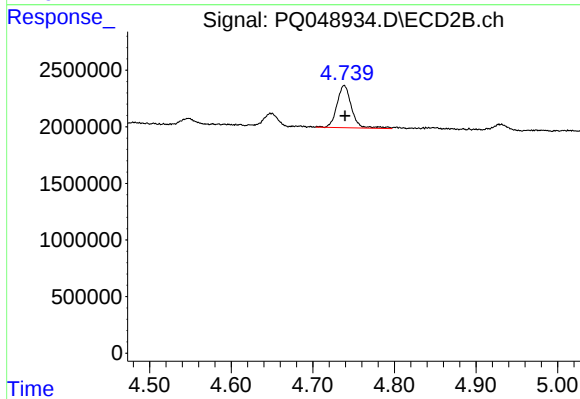
#9 AR-1221-2

R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 1571840
Conc: 79.47 ng/ml



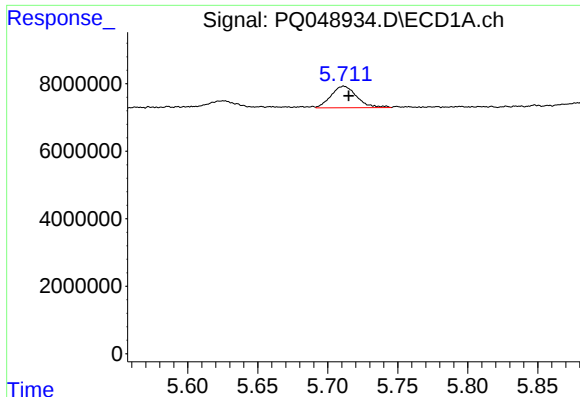
#10 AR-1221-3

R.T.: 5.712 min
Delta R.T.: -0.004 min
Response: 8157350
Conc: 57.56 ng/ml



#10 AR-1221-3

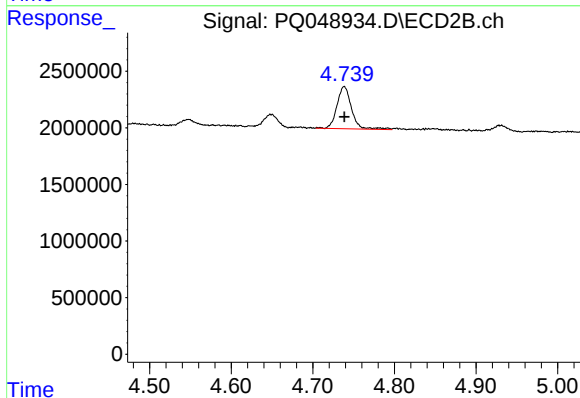
R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 4657414
Conc: 70.03 ng/ml



#11 AR-1232-1

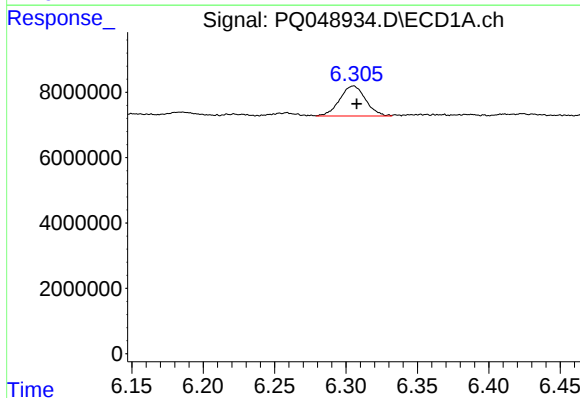
R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 8157350
Conc: 78.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



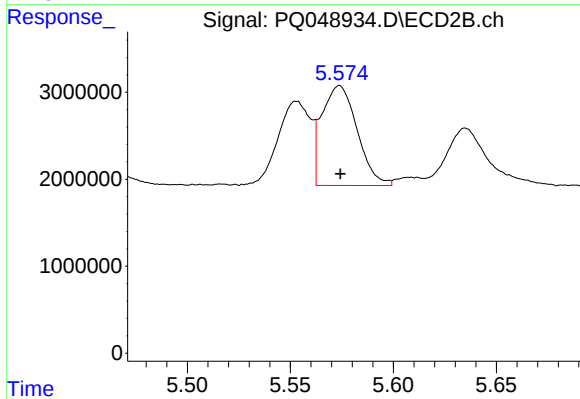
#11 AR-1232-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 4657414
Conc: 81.81 ng/ml



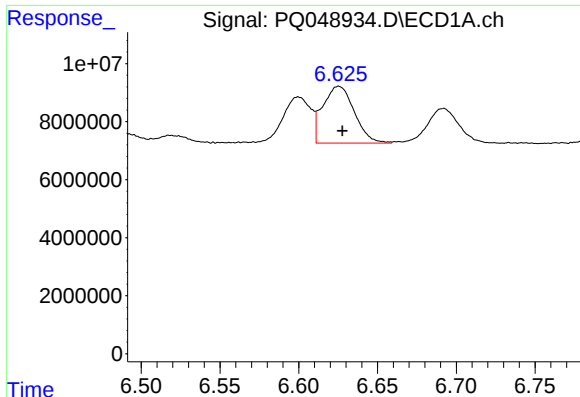
#12 AR-1232-2

R.T.: 6.305 min
Delta R.T.: -0.002 min
Response: 11570264
Conc: 210.43 ng/ml



#12 AR-1232-2

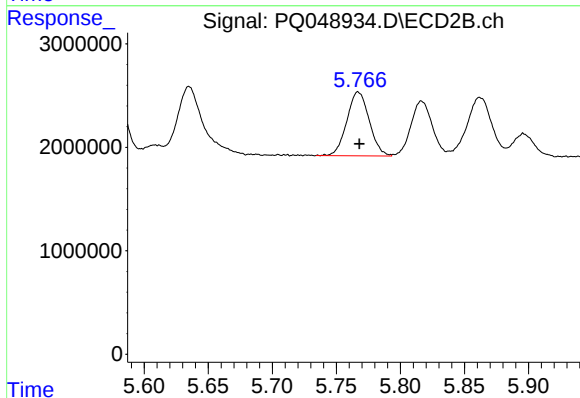
R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 13707063
Conc: 207.78 ng/ml



#13 AR-1232-3

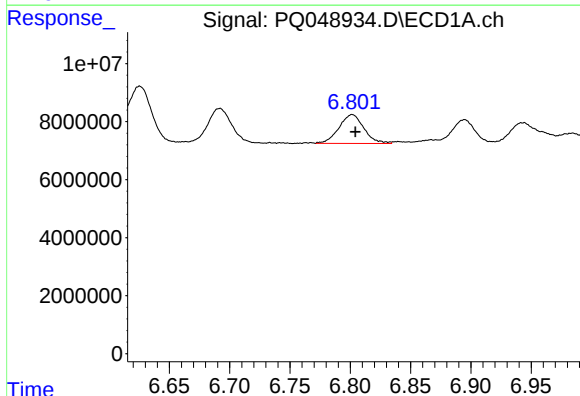
R.T.: 6.625 min
Delta R.T.: -0.002 min
Response: 27230957
Conc: 202.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



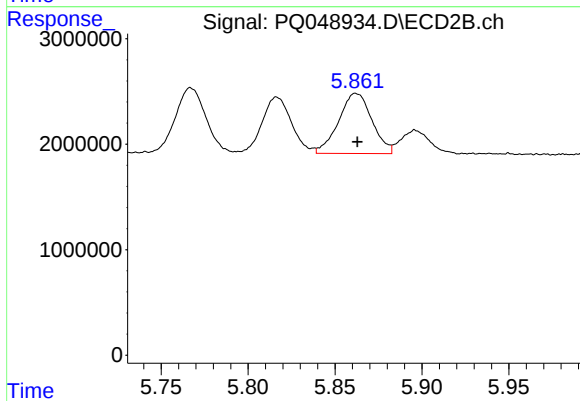
#13 AR-1232-3

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 7505454
Conc: 212.98 ng/ml



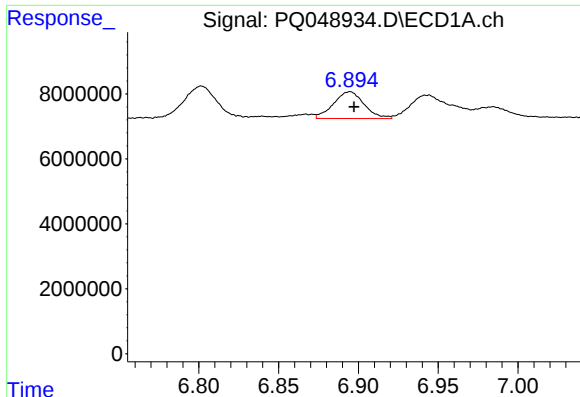
#14 AR-1232-4

R.T.: 6.802 min
Delta R.T.: -0.003 min
Response: 14318549
Conc: 216.14 ng/ml



#14 AR-1232-4

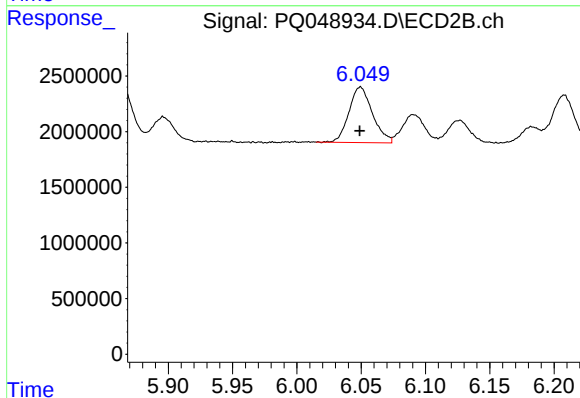
R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 7611287
Conc: 227.60 ng/ml



#15 AR-1232-5

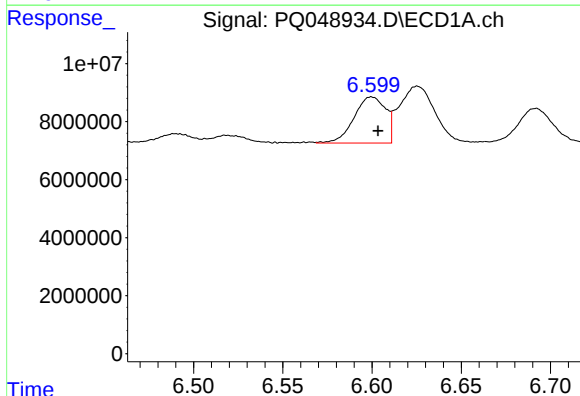
R.T.: 6.895 min
Delta R.T.: -0.002 min
Response: 11110557
Conc: 188.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



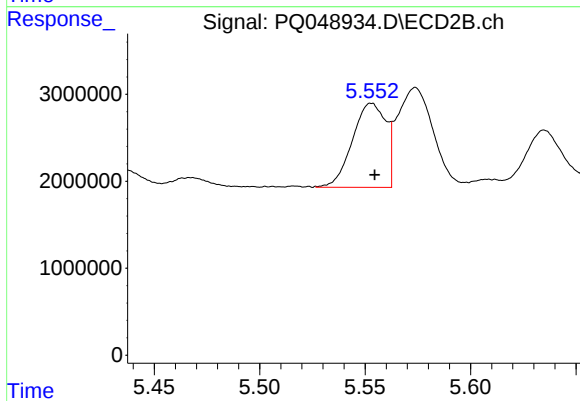
#15 AR-1232-5

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 6371309
Conc: 182.20 ng/ml



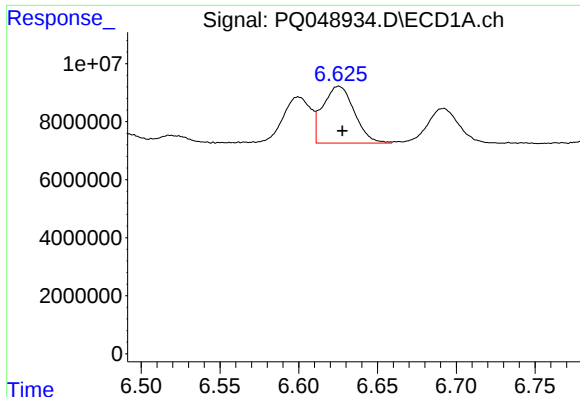
#16 AR-1242-1

R.T.: 6.600 min
Delta R.T.: -0.004 min
Response: 19552403
Conc: 123.38 ng/ml



#16 AR-1242-1

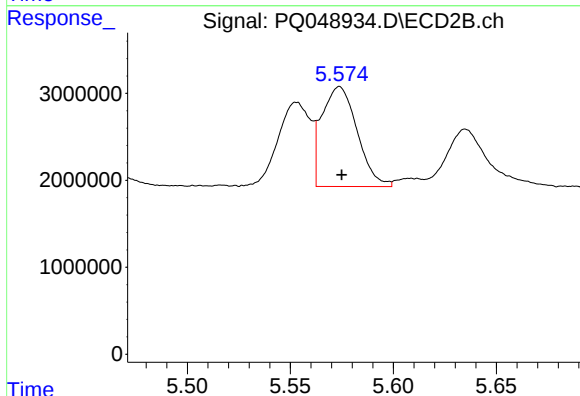
R.T.: 5.553 min
Delta R.T.: -0.002 min
Response: 10664248
Conc: 128.21 ng/ml



#17 AR-1242-2

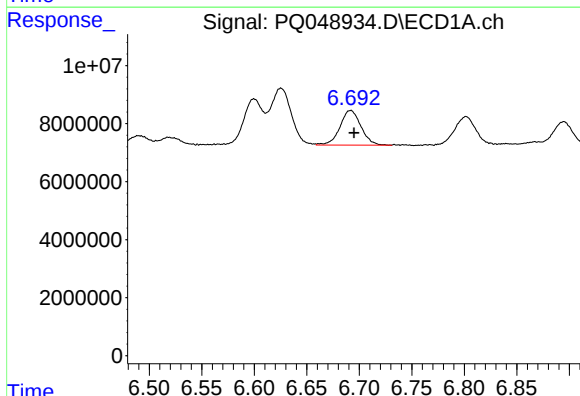
R.T.: 6.625 min
Delta R.T.: -0.002 min
Response: 27230957
Conc: 126.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



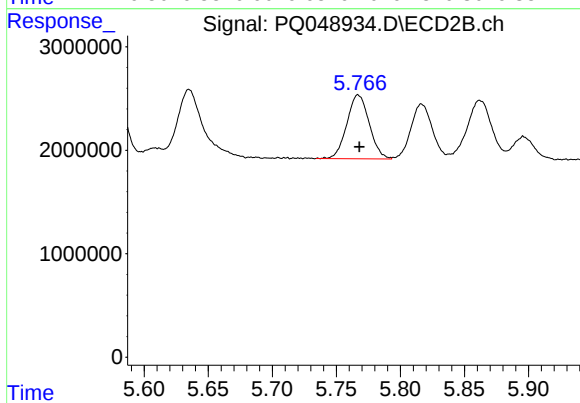
#17 AR-1242-2

R.T.: 5.574 min
Delta R.T.: -0.001 min
Response: 13707063
Conc: 122.14 ng/ml



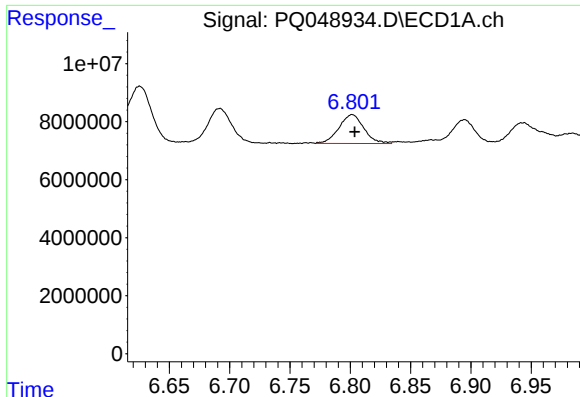
#18 AR-1242-3

R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 16686610
Conc: 123.06 ng/ml



#18 AR-1242-3

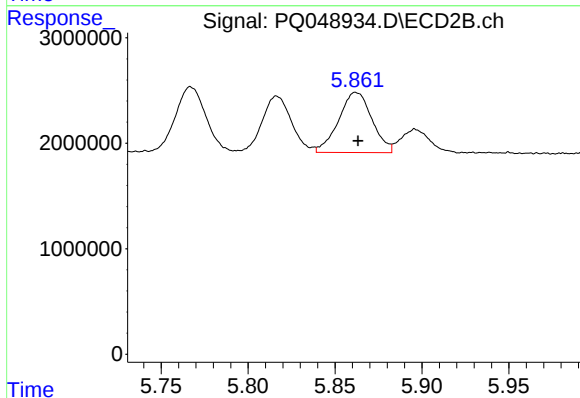
R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 7505454
Conc: 121.83 ng/ml



#19 AR-1242-4

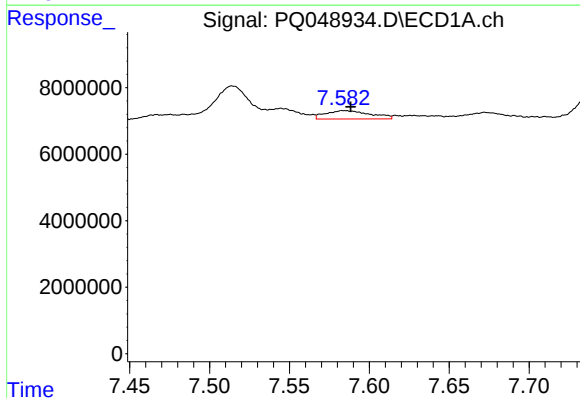
R.T.: 6.802 min
Delta R.T.: -0.002 min
Response: 14318549
Conc: 123.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



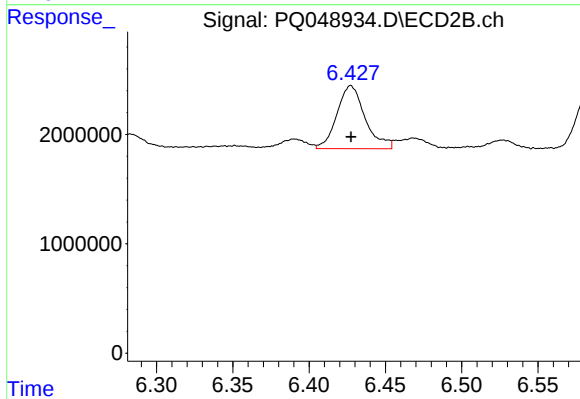
#19 AR-1242-4

R.T.: 5.862 min
Delta R.T.: -0.001 min
Response: 7611287
Conc: 120.76 ng/ml



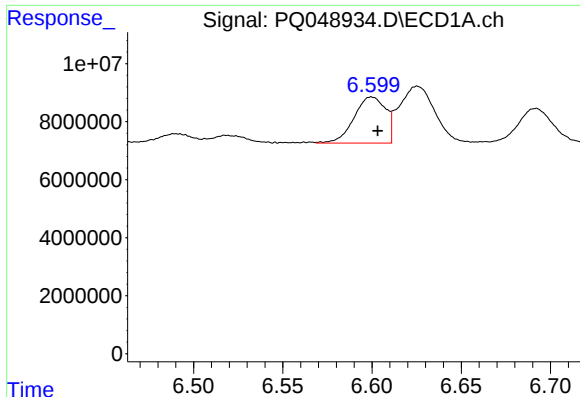
#20 AR-1242-5

R.T.: 7.583 min
Delta R.T.: -0.005 min
Response: 4941642
Conc: 32.06 ng/ml



#20 AR-1242-5

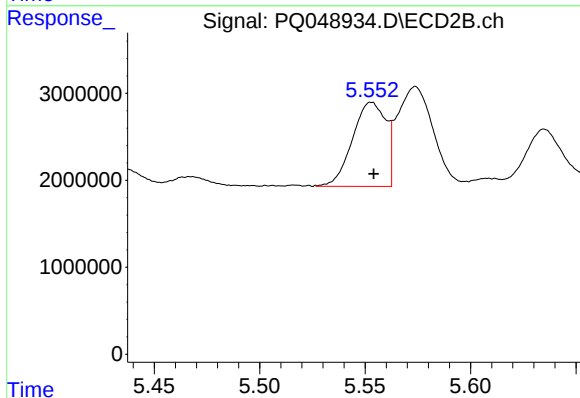
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 7419273
Conc: 77.53 ng/ml



#21 AR-1248-1

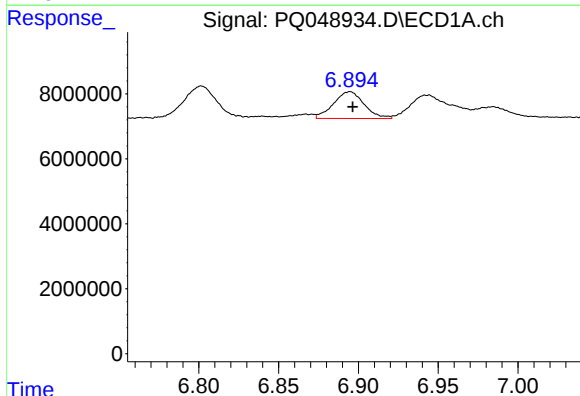
R.T.: 6.600 min
Delta R.T.: -0.003 min
Response: 19552403
Conc: 154.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



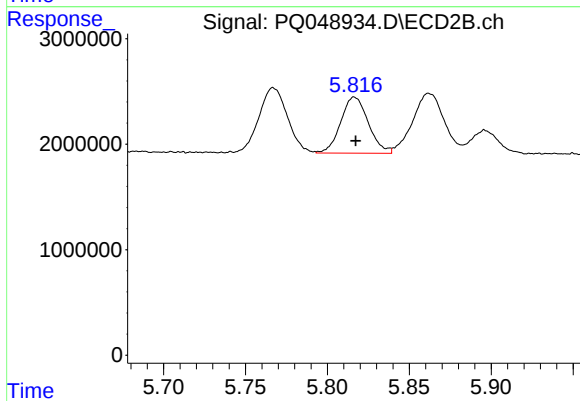
#21 AR-1248-1

R.T.: 5.553 min
Delta R.T.: -0.001 min
Response: 10664248
Conc: 157.47 ng/ml



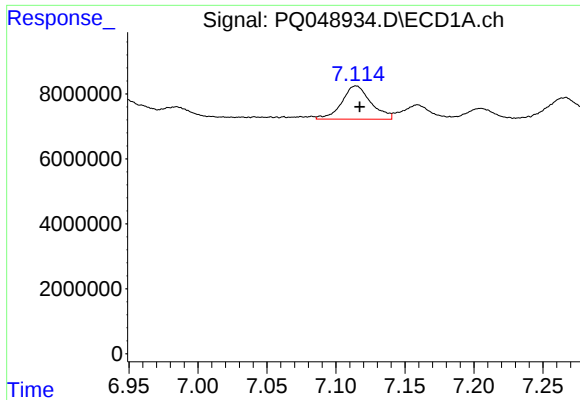
#22 AR-1248-2

R.T.: 6.895 min
Delta R.T.: -0.001 min
Response: 11110557
Conc: 63.60 ng/ml



#22 AR-1248-2

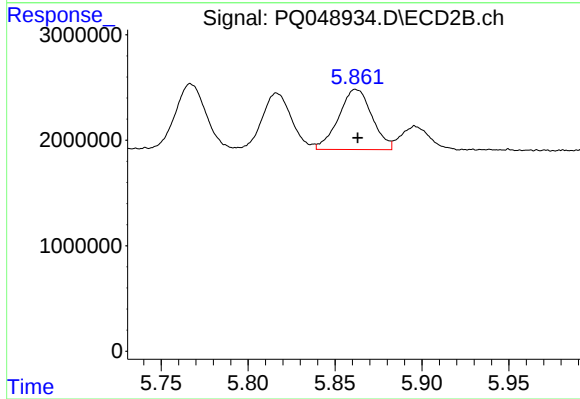
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 6252113
Conc: 67.39 ng/ml



#23 AR-1248-3

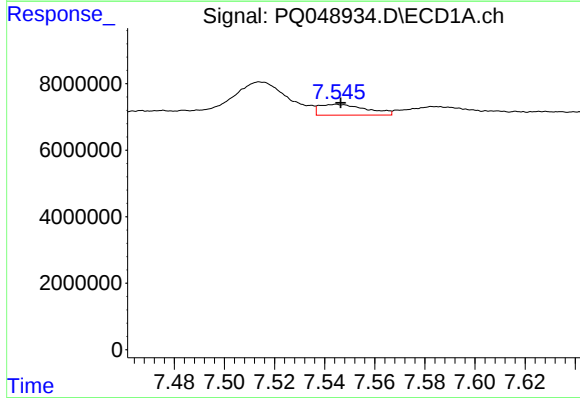
R.T.: 7.115 min
Delta R.T.: -0.002 min
Response: 15052287
Conc: 73.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



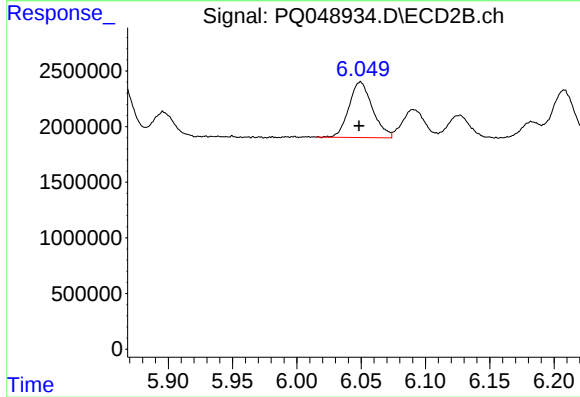
#23 AR-1248-3

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 7611287
Conc: 80.61 ng/ml



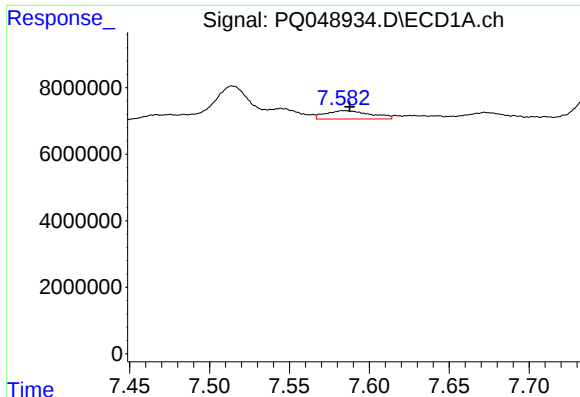
#24 AR-1248-4

R.T.: 7.545 min
Delta R.T.: -0.002 min
Response: 4261408
Conc: 16.45 ng/ml



#24 AR-1248-4

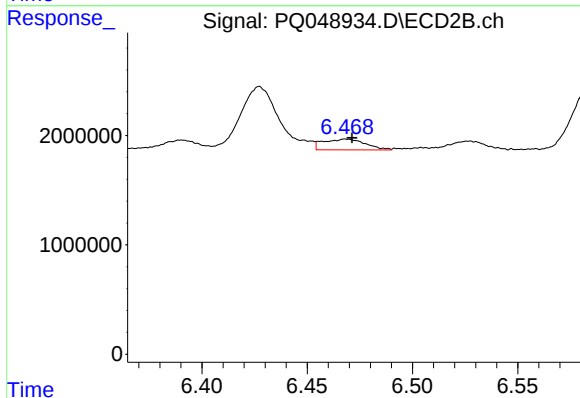
R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 6371309
Conc: 55.66 ng/ml



#25 AR-1248-5

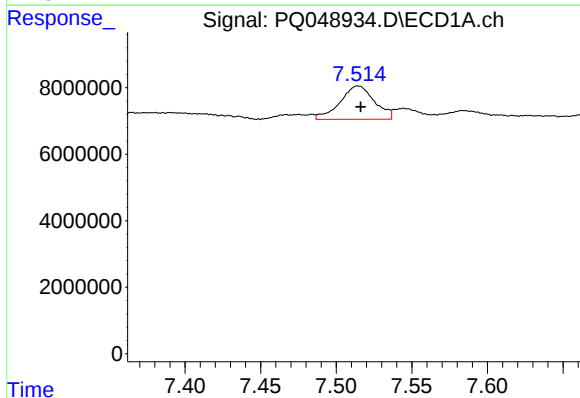
R.T.: 7.583 min
Delta R.T.: -0.005 min
Response: 4941642
Conc: 20.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



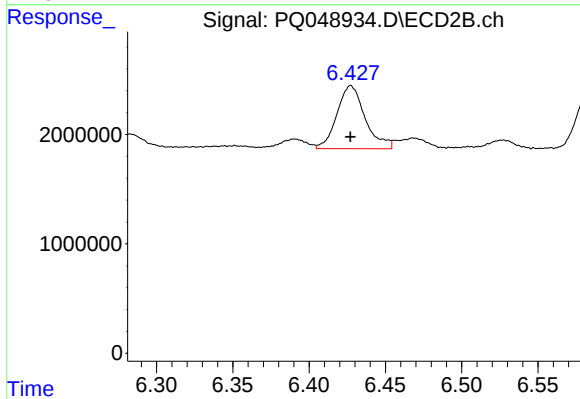
#25 AR-1248-5

R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 1379659
Conc: 10.55 ng/ml



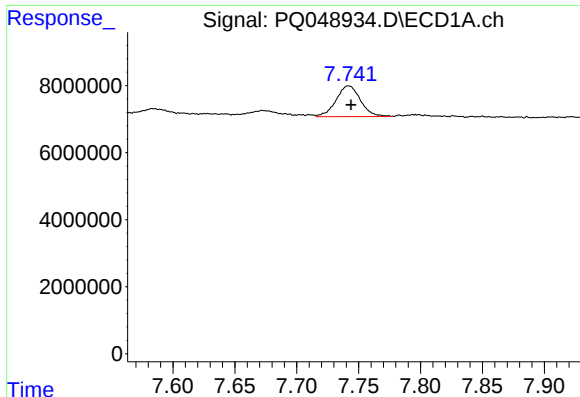
#26 AR-1254-1

R.T.: 7.514 min
Delta R.T.: -0.002 min
Response: 15906336
Conc: 63.49 ng/ml



#26 AR-1254-1

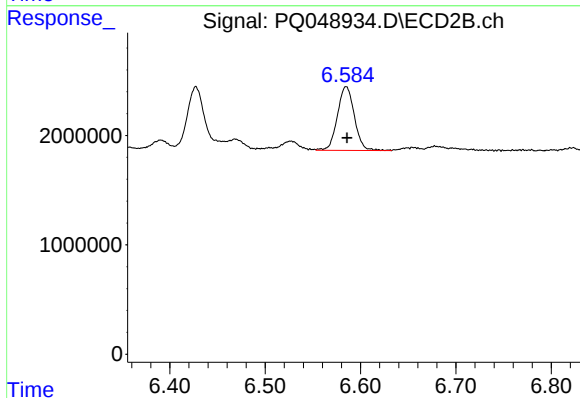
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 7419273
Conc: 38.16 ng/ml



#27 AR-1254-2

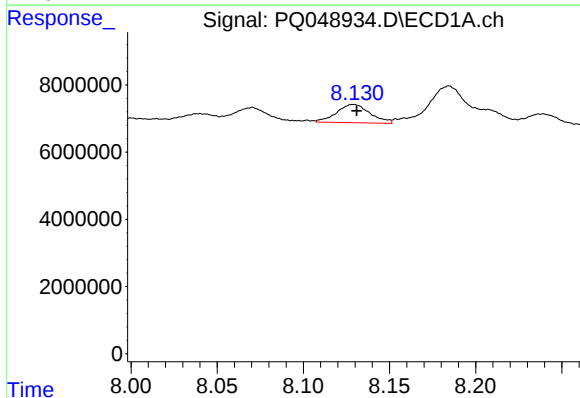
R.T.: 7.742 min
Delta R.T.: -0.002 min
Response: 12541615
Conc: 31.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



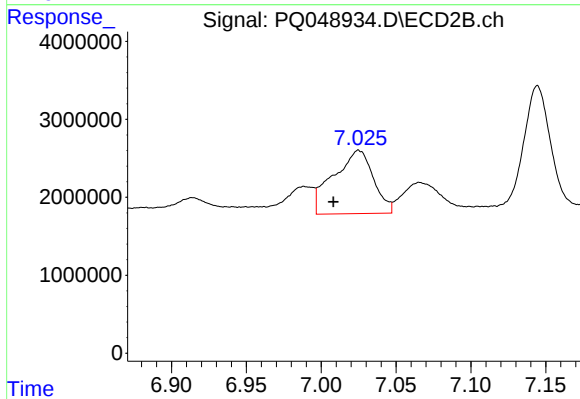
#27 AR-1254-2

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 7188926
Conc: 40.62 ng/ml



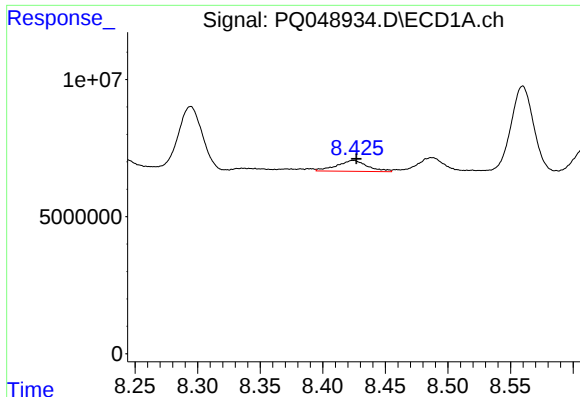
#28 AR-1254-3

R.T.: 8.129 min
Delta R.T.: -0.002 min
Response: 7362830
Conc: 16.99 ng/ml



#28 AR-1254-3

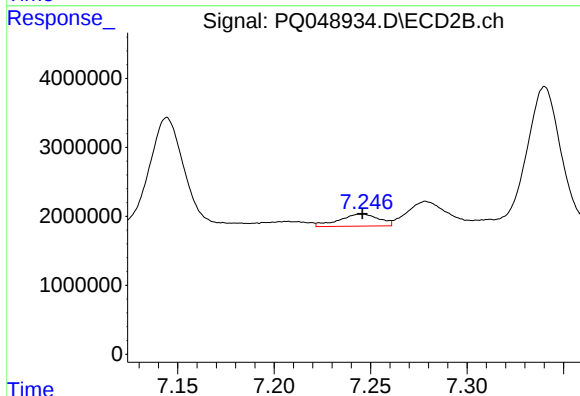
R.T.: 7.025 min
Delta R.T.: 0.017 min
Response: 15113982
Conc: 49.36 ng/ml



#29 AR-1254-4

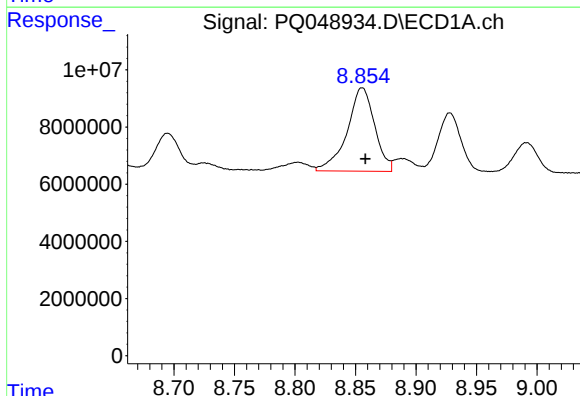
R.T.: 8.425 min
Delta R.T.: -0.002 min
Response: 6698125
Conc: 18.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



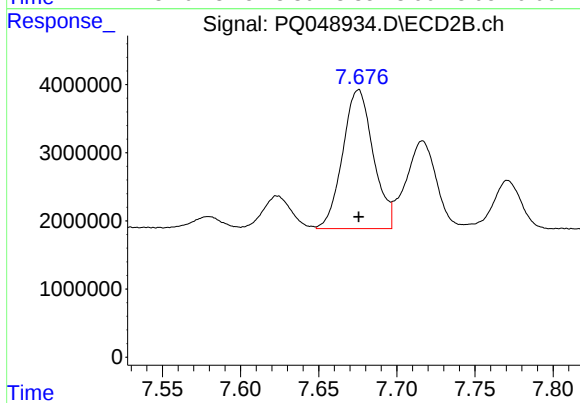
#29 AR-1254-4

R.T.: 7.245 min
Delta R.T.: 0.000 min
Response: 2516378
Conc: 12.07 ng/ml



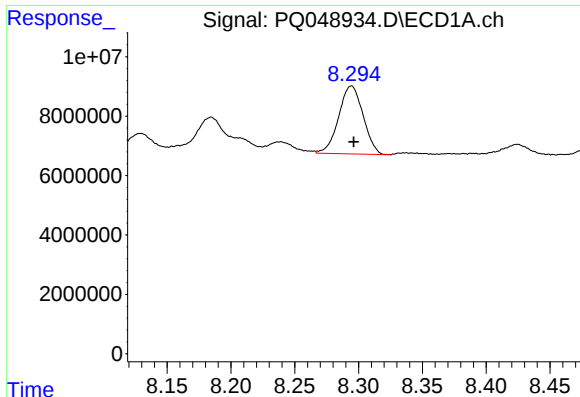
#30 AR-1254-5

R.T.: 8.855 min
Delta R.T.: -0.003 min
Response: 46242220
Conc: 118.49 ng/ml



#30 AR-1254-5

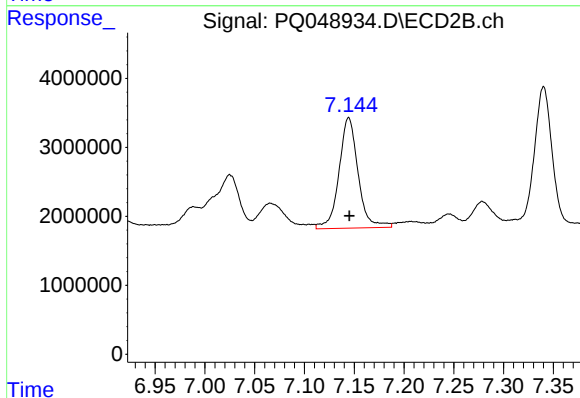
R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 27778050
Conc: 93.12 ng/ml



#31 AR-1260-1

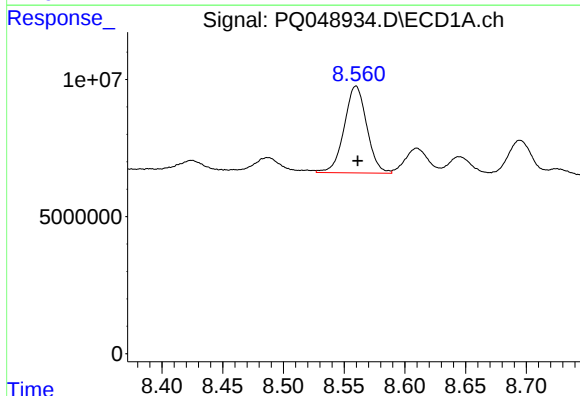
R.T.: 8.295 min
Delta R.T.: -0.002 min
Response: 30439581
Conc: 92.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



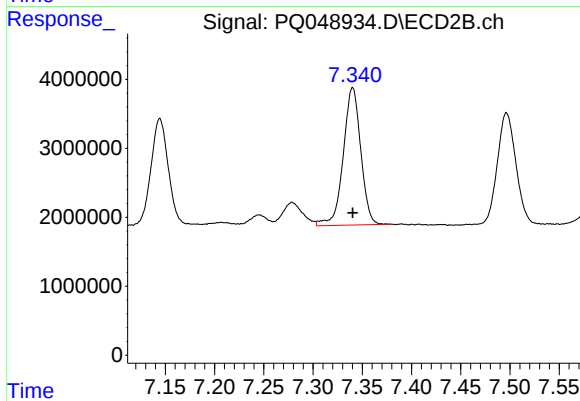
#31 AR-1260-1

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 21431245
Conc: 100.16 ng/ml



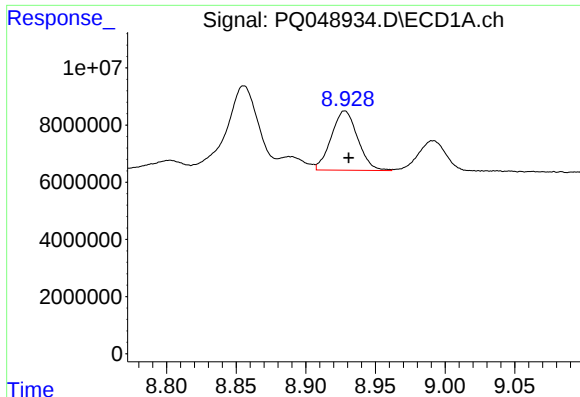
#32 AR-1260-2

R.T.: 8.560 min
Delta R.T.: -0.001 min
Response: 41016276
Conc: 95.21 ng/ml



#32 AR-1260-2

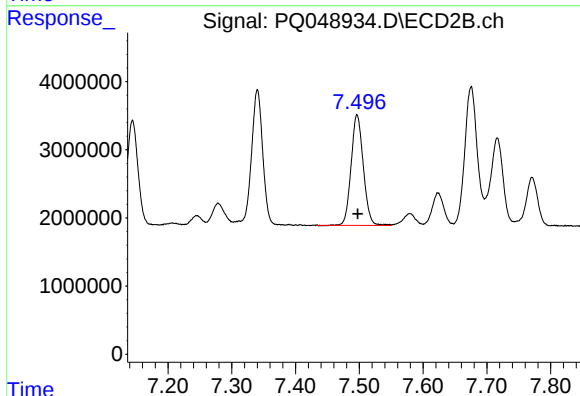
R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 24673823
Conc: 90.09 ng/ml



#33 AR-1260-3

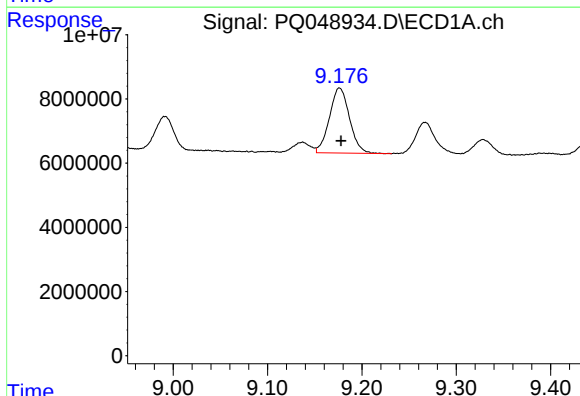
R.T.: 8.928 min
Delta R.T.: -0.003 min
Response: 27333134
Conc: 76.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



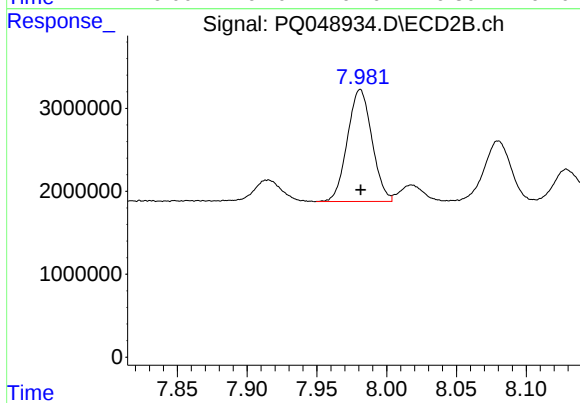
#33 AR-1260-3

R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 21641647
Conc: 86.16 ng/ml



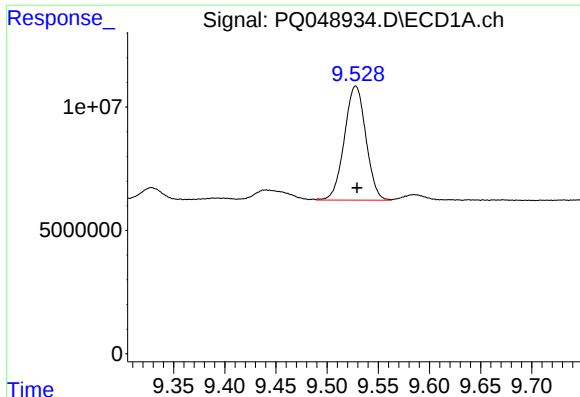
#34 AR-1260-4

R.T.: 9.176 min
Delta R.T.: -0.002 min
Response: 29960884
Conc: 75.12 ng/ml



#34 AR-1260-4

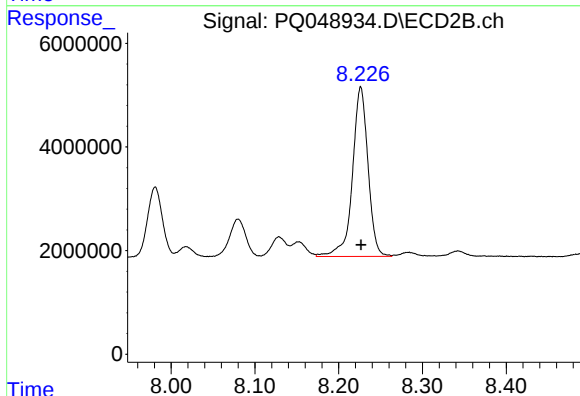
R.T.: 7.981 min
Delta R.T.: 0.000 min
Response: 16542089
Conc: 71.76 ng/ml



#35 AR-1260-5

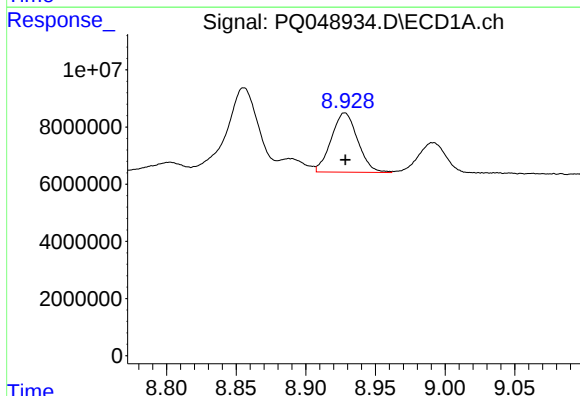
R.T.: 9.528 min
Delta R.T.: -0.001 min
Response: 67646740
Conc: 73.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



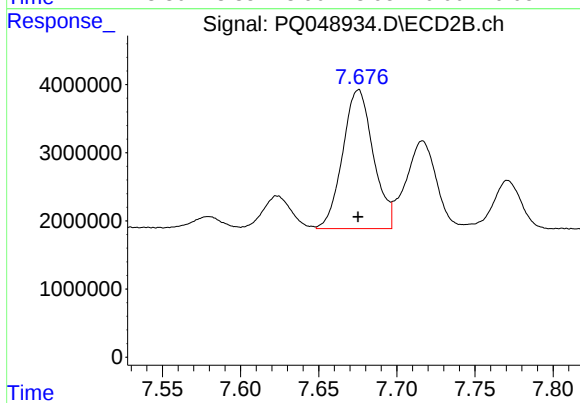
#35 AR-1260-5

R.T.: 8.226 min
Delta R.T.: 0.000 min
Response: 42298092
Conc: 70.67 ng/ml



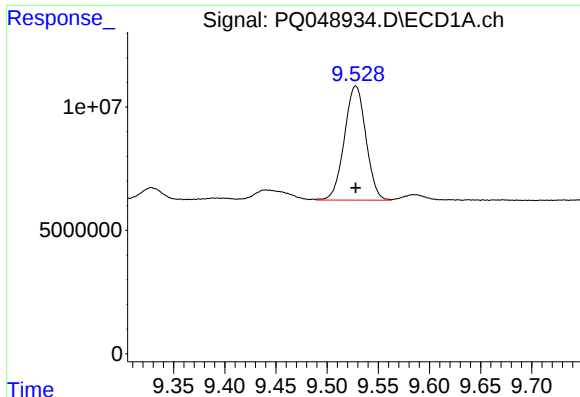
#36 AR-1262-1

R.T.: 8.928 min
Delta R.T.: 0.000 min
Response: 27333134
Conc: 46.01 ng/ml



#36 AR-1262-1

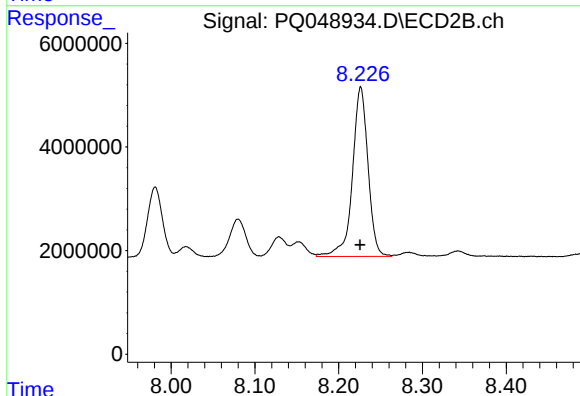
R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 27778050
Conc: 154.86 ng/ml



#37 AR-1262-2

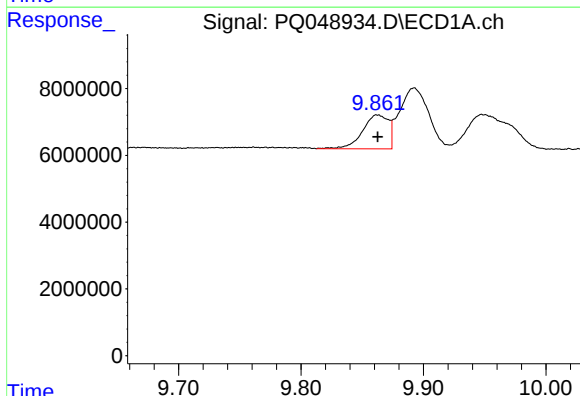
R.T.: 9.528 min
Delta R.T.: 0.000 min
Response: 67646740
Conc: 59.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



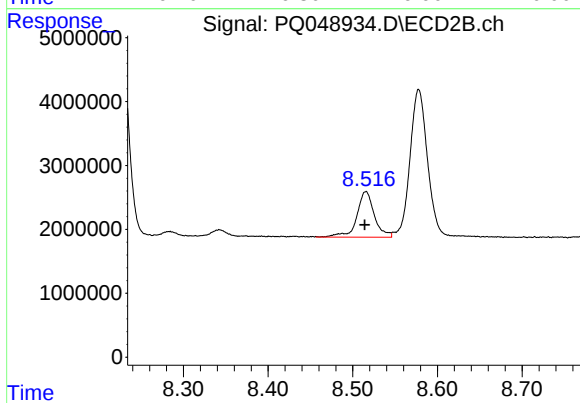
#37 AR-1262-2

R.T.: 8.226 min
Delta R.T.: 0.000 min
Response: 42298092
Conc: 61.69 ng/ml



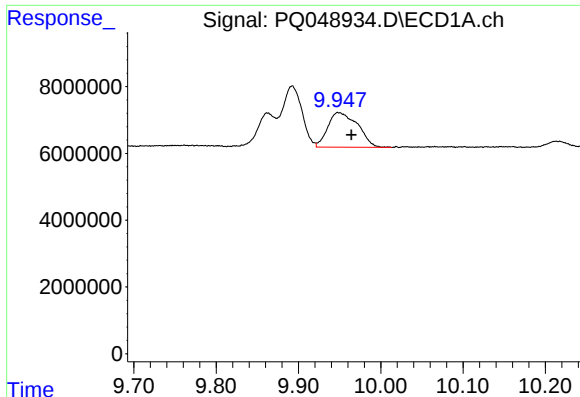
#38 AR-1262-3

R.T.: 9.862 min
Delta R.T.: 0.000 min
Response: 14991401
Conc: 26.92 ng/ml



#38 AR-1262-3

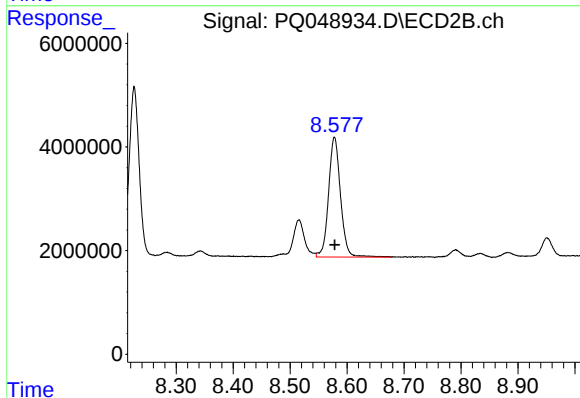
R.T.: 8.516 min
Delta R.T.: 0.002 min
Response: 10207357
Conc: 35.84 ng/ml



#39 AR-1262-4

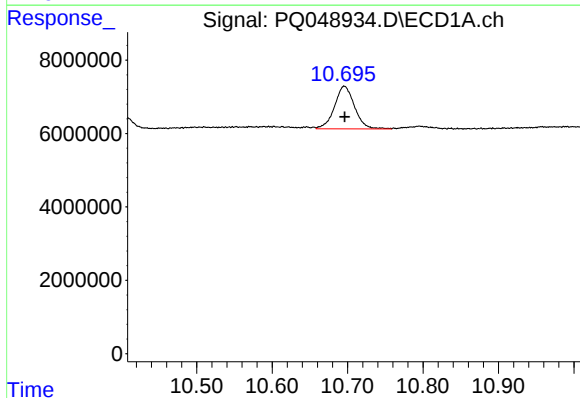
R.T.: 9.948 min
Delta R.T.: -0.016 min
Response: 26268525
Conc: 40.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



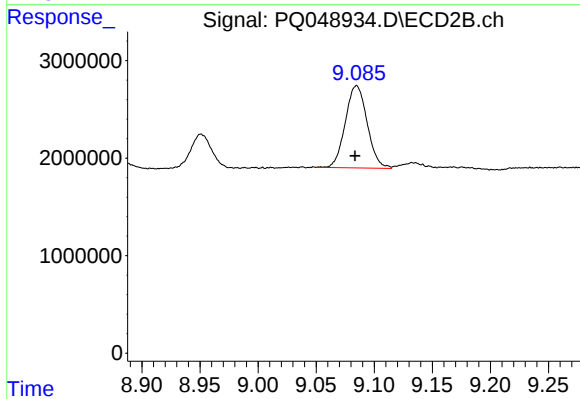
#39 AR-1262-4

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 33766900
Conc: 64.62 ng/ml



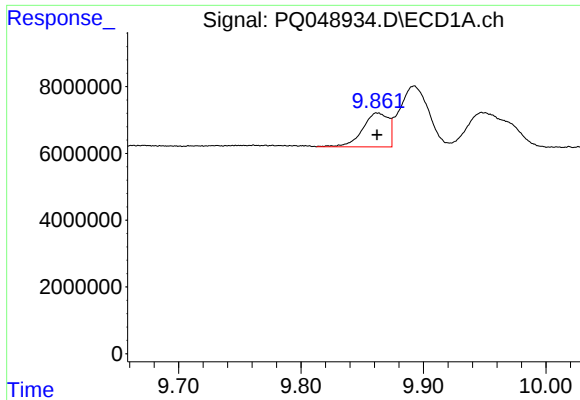
#40 AR-1262-5

R.T.: 10.696 min
Delta R.T.: 0.000 min
Response: 21557171
Conc: 41.90 ng/ml



#40 AR-1262-5

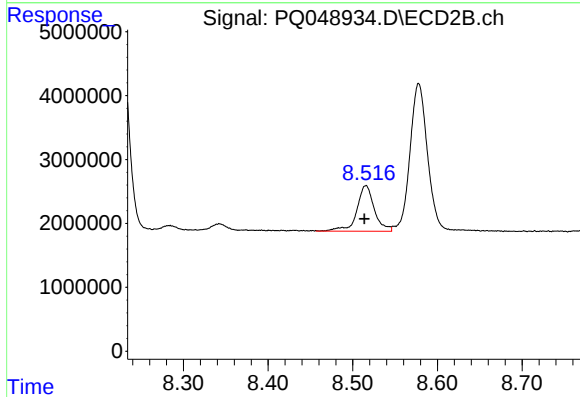
R.T.: 9.085 min
Delta R.T.: 0.001 min
Response: 11061563
Conc: 40.95 ng/ml



#41 AR-1268-1

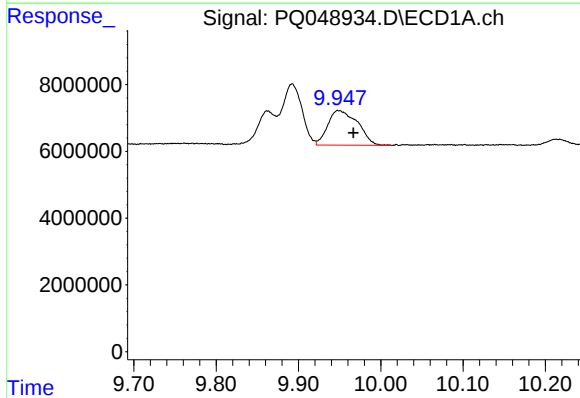
R.T.: 9.862 min
Delta R.T.: 0.000 min
Response: 14991401
Conc: 11.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



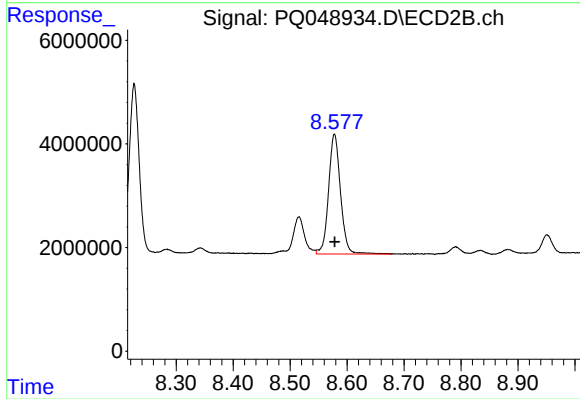
#41 AR-1268-1

R.T.: 8.516 min
Delta R.T.: 0.002 min
Response: 10207357
Conc: 13.02 ng/ml



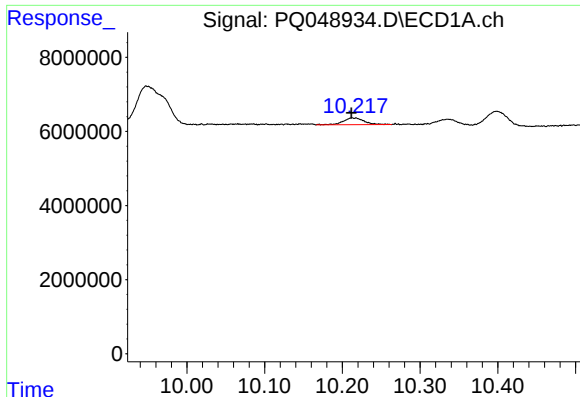
#42 AR-1268-2

R.T.: 9.948 min
Delta R.T.: -0.018 min
Response: 26268525
Conc: 20.26 ng/ml



#42 AR-1268-2

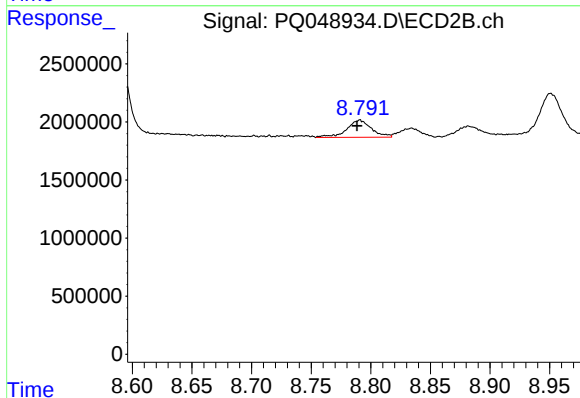
R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 33766900
Conc: 46.16 ng/ml



#43 AR-1268-3

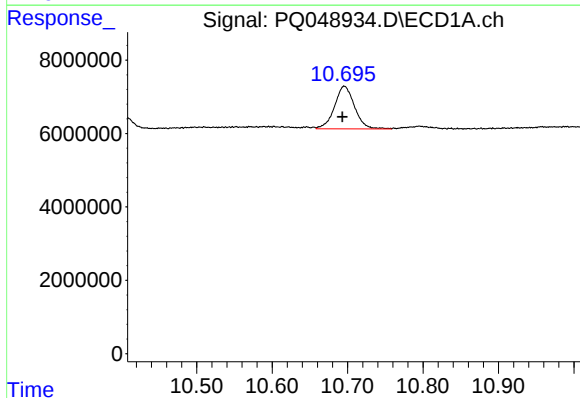
R.T.: 10.217 min
Delta R.T.: 0.006 min
Response: 3482001
Conc: 3.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



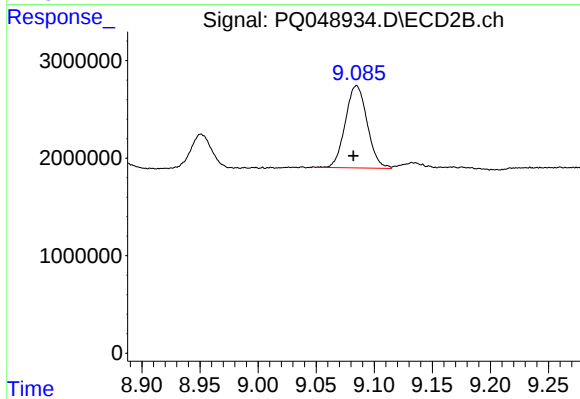
#43 AR-1268-3

R.T.: 8.791 min
Delta R.T.: 0.002 min
Response: 2146275
Conc: 3.47 ng/ml



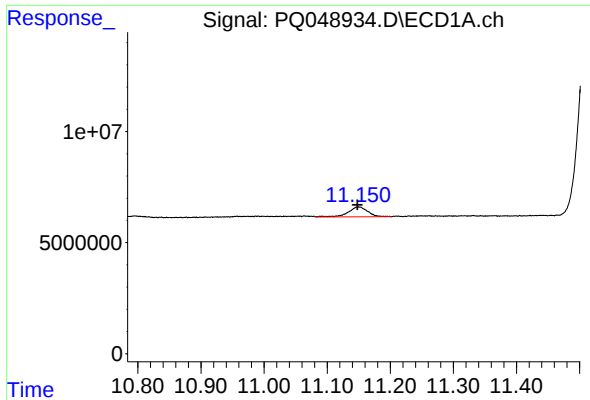
#44 AR-1268-4

R.T.: 10.696 min
Delta R.T.: 0.002 min
Response: 21557171
Conc: 41.00 ng/ml



#44 AR-1268-4

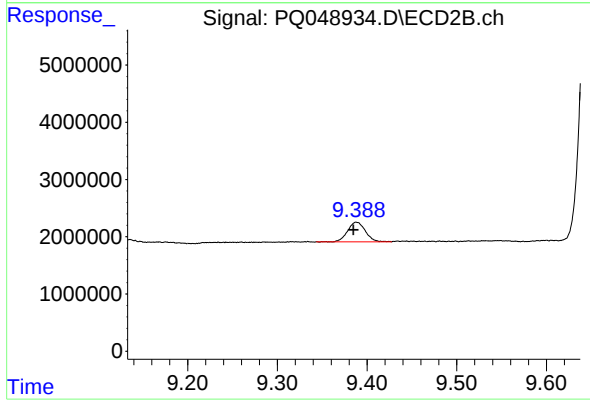
R.T.: 9.085 min
Delta R.T.: 0.003 min
Response: 11061563
Conc: 39.05 ng/ml



#45 AR-1268-5

R.T.: 11.149 min
Delta R.T.: 0.002 min
Response: 9512650
Conc: 2.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.388 min
Delta R.T.: 0.003 min
Response: 4708429
Conc: 2.22 ng/ml