

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021819\
 Data File : PQ037367.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2019 17:14
 Operator : SM\SJ
 Sample : K1498-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 A0C14-02-C4(0-6)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 18 23:46:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 13 16:51:51 2019
 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...	4.266	3.672	150.9E6	77876432	25.873	25.701
2)	SA Decachlor...	9.772	8.578	95557032	38874369	19.510	17.887
Target Compounds							
3)	L1 AR-1016-1	5.418	0.000	3074231	0	17.366	N.D. #
4)	L1 AR-1016-2	5.418	0.000	3074231	0	11.303	N.D. #
5)	L1 AR-1016-3	5.537	4.963	2449383	5794088	15.354	82.435 #
6)	L1 AR-1016-4	5.677	4.963	10882146	5794088	80.683	104.688 #
7)	L1 AR-1016-5	5.880	5.175	7944971	2750851	61.314	38.089 #
9)	L2 AR-1221-2	4.568	0.000	1890542	0	27.344	N.D. #
13)	L3 AR-1232-3	5.418	4.963	3074231	5794088	29.128	216.485 #
14)	L3 AR-1232-4	5.677	5.003	10882146	1675126	220.101	72.574 #
15)	L3 AR-1232-5	5.677	5.175	10882146	2750851	301.906	110.296 #
16)	L4 AR-1242-1	5.418	0.000	3074231	0	26.389	N.D. #
17)	L4 AR-1242-2	5.418	0.000	3074231	0	16.762	N.D. #
18)	L4 AR-1242-3	5.537	4.963	2449383	5794088	22.709	121.847 #
19)	L4 AR-1242-4	5.677	5.003	10882146	1675126	123.166	37.127 #
20)	L4 AR-1242-5	6.318	5.518	8861022	15888137	88.979	279.862 #
21)	L5 AR-1248-1	5.418	0.000	3074231	0	27.453	N.D. #
22)	L5 AR-1248-2	5.677	4.963	10882146	5794088	69.064	72.281
23)	L5 AR-1248-3	5.880	5.003	7944971	1675126	45.071	20.666 #
24)	L5 AR-1248-4	6.318	5.175	8861022	2750851	43.502	28.083 #
25)	L5 AR-1248-5	6.318	5.559	8861022	2333272	45.796	24.193 #
26)	L6 AR-1254-1	6.279	5.518	13115803	15888137	22.766	37.563 #
27)	L6 AR-1254-2	6.462	5.663	33407791	14615435	36.863	40.890
28)	L6 AR-1254-3	6.831	6.062	40079347	24994514	40.856	42.381
29)	L6 AR-1254-4	7.114	6.289	25686359	13234682	34.742	31.547
30)	L6 AR-1254-5	7.557	6.698	5153956	18897319	6.786	39.638 #
31)	L7 AR-1260-1	6.985	6.186	21002011	12749469	80.249	90.552
32)	L7 AR-1260-2	7.238	6.374	18815063	10093051	56.567	58.087
33)	L7 AR-1260-3	7.590	6.523	5935098	9861875	27.661	61.699 #
34)	L7 AR-1260-4	7.820	6.988	12777829	1984206	53.323	18.937 #
35)	L7 AR-1260-5	8.130	7.231	9628776	6415561	19.394	24.972 #
36)	L8 AR-1262-1	7.590	6.724	5935098	4442708	13.765	21.047 #
37)	L8 AR-1262-2	8.130	7.231	9628776	6415561	12.988	17.667 #
38)	L8 AR-1262-3	8.444	7.505	3542550	1354632	11.360	9.659
39)	L8 AR-1262-4	8.496	7.572	5115673	5499891	14.022	21.644 #
40)	L8 AR-1262-5	9.115	0.000	1926678	0	8.505	N.D. #
41)	L9 AR-1268-1	8.444	7.505	3542550	1354632	4.630	3.775
42)	L9 AR-1268-2	8.496	7.572	5115673	5499891	7.289	16.955 #
44)	L9 AR-1268-4	9.115	0.000	1926678	0	8.467	N.D. #
45)	L9 AR-1268-5	0.000	8.343	0	1884008	N.D.	2.276 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021819\
Data File : PQ037367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Feb 2019 17:14
Operator : SM\SJ
Sample : K1498-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

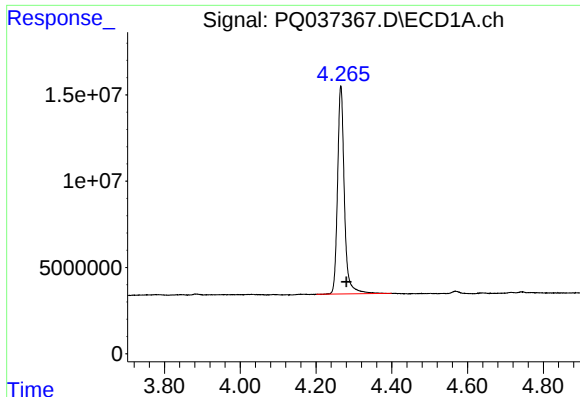
Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 18 23:46:20 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021319.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 13 16:51:51 2019
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
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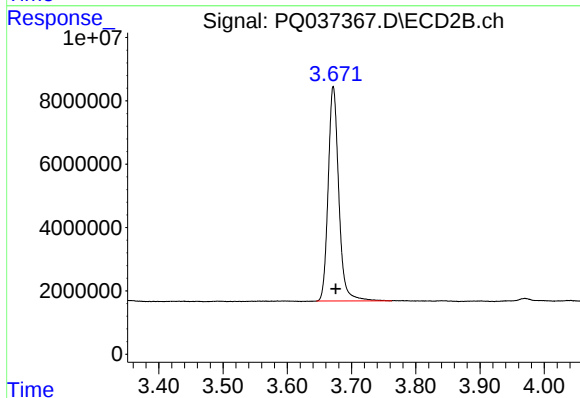
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

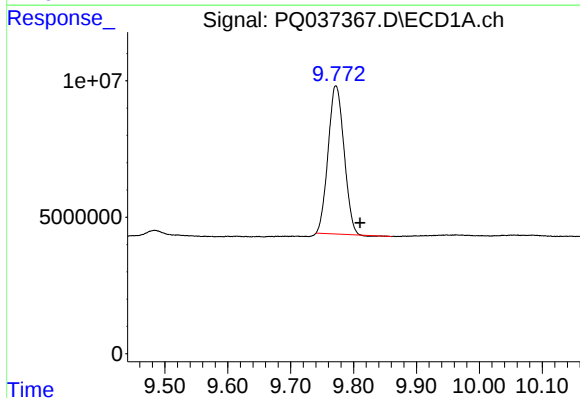
R.T.: 4.266 min
Delta R.T.: -0.014 min
Response: 150892222
Conc: 25.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



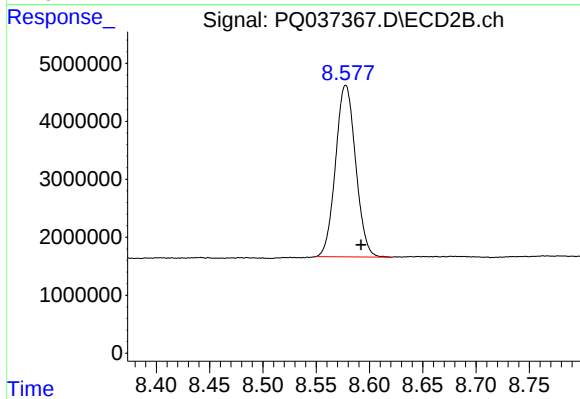
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: -0.004 min
Response: 77876432
Conc: 25.70 ng/ml



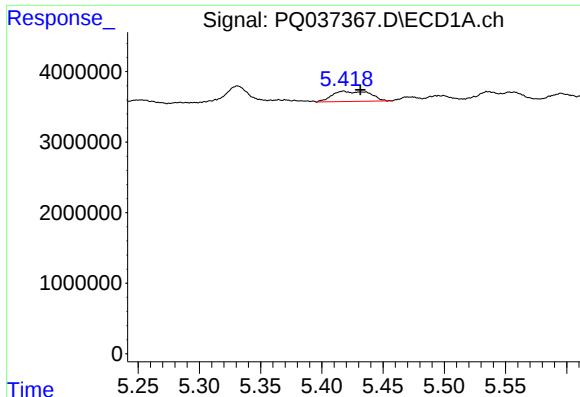
#2 Decachlorobiphenyl

R.T.: 9.772 min
Delta R.T.: -0.038 min
Response: 95557032
Conc: 19.51 ng/ml



#2 Decachlorobiphenyl

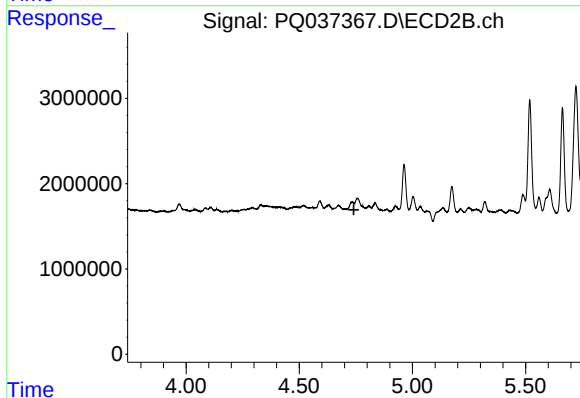
R.T.: 8.578 min
Delta R.T.: -0.014 min
Response: 38874369
Conc: 17.89 ng/ml



#3 AR-1016-1

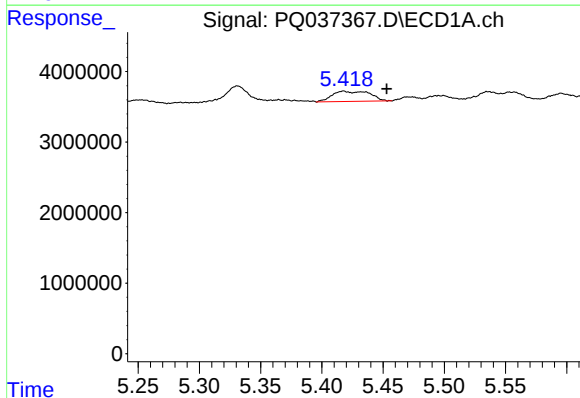
R.T.: 5.418 min
Delta R.T.: -0.014 min
Response: 3074231
Conc: 17.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



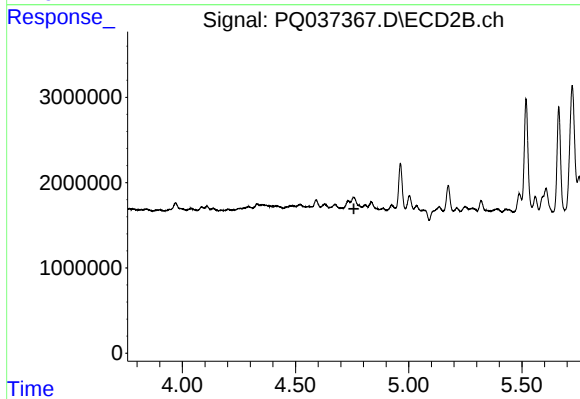
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.742 min
Response: 0
Conc: N.D.



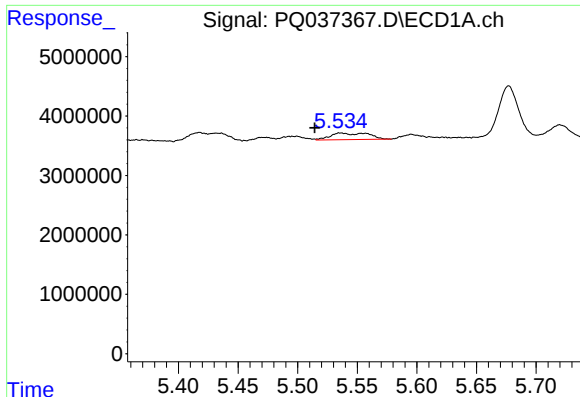
#4 AR-1016-2

R.T.: 5.418 min
Delta R.T.: -0.035 min
Response: 3074231
Conc: 11.30 ng/ml



#4 AR-1016-2

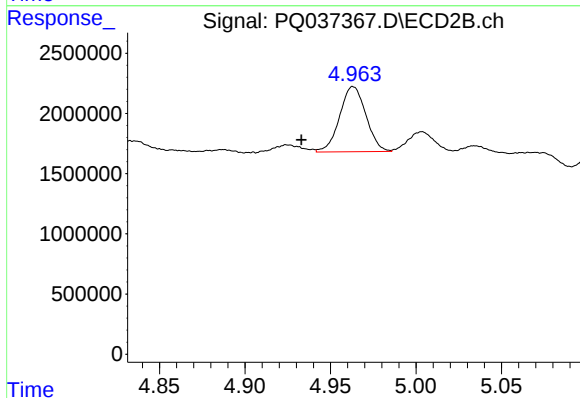
R.T.: 0.000 min
Exp R.T. : 4.758 min
Response: 0
Conc: N.D.



#5 AR-1016-3

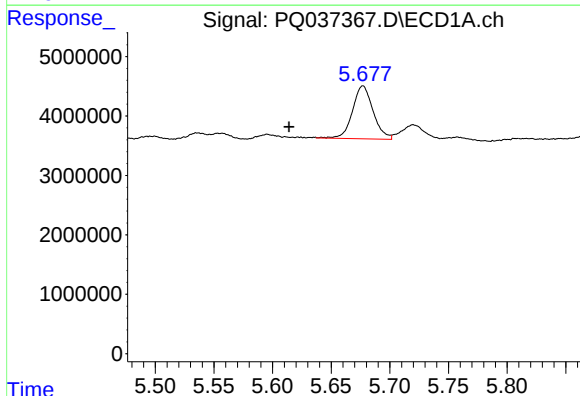
R.T.: 5.537 min
Delta R.T.: 0.022 min
Response: 2449383
Conc: 15.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



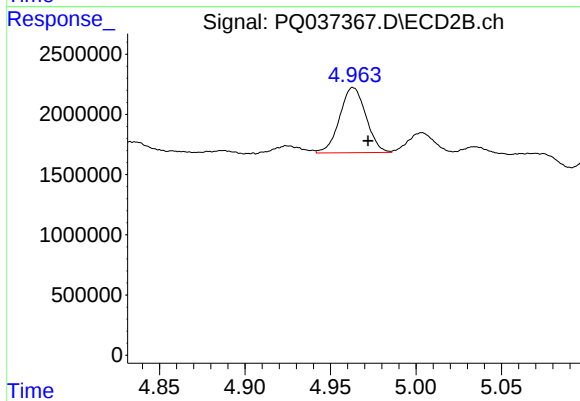
#5 AR-1016-3

R.T.: 4.963 min
Delta R.T.: 0.030 min
Response: 5794088
Conc: 82.44 ng/ml



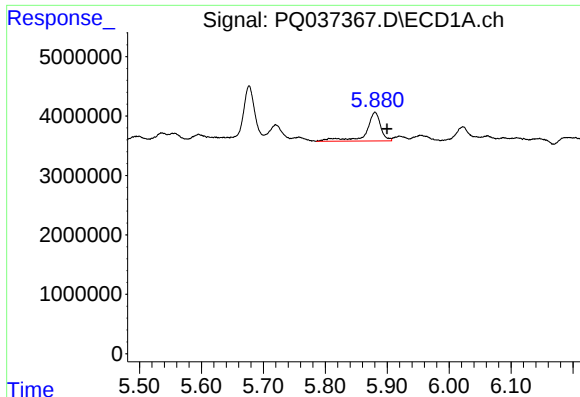
#6 AR-1016-4

R.T.: 5.677 min
Delta R.T.: 0.063 min
Response: 10882146
Conc: 80.68 ng/ml



#6 AR-1016-4

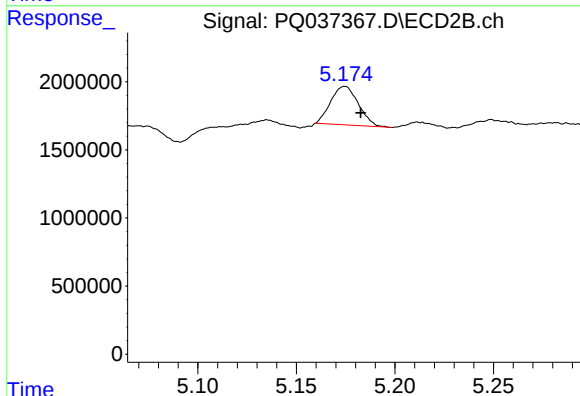
R.T.: 4.963 min
Delta R.T.: -0.009 min
Response: 5794088
Conc: 104.69 ng/ml



#7 AR-1016-5

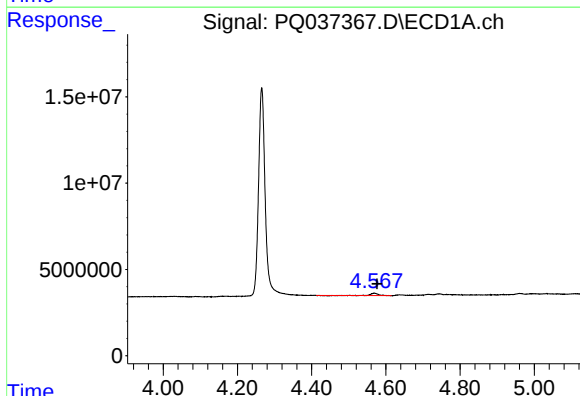
R.T.: 5.880 min
Delta R.T.: -0.019 min
Response: 7944971
Conc: 61.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



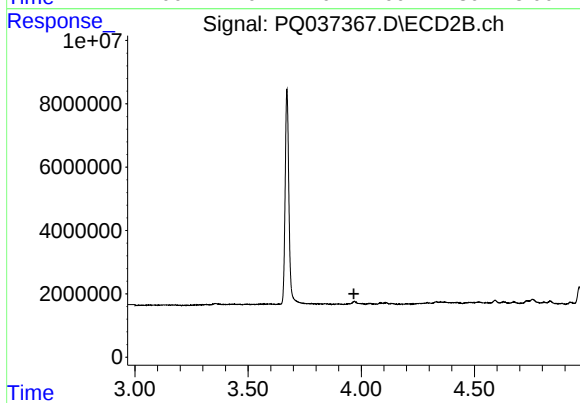
#7 AR-1016-5

R.T.: 5.175 min
Delta R.T.: -0.008 min
Response: 2750851
Conc: 38.09 ng/ml



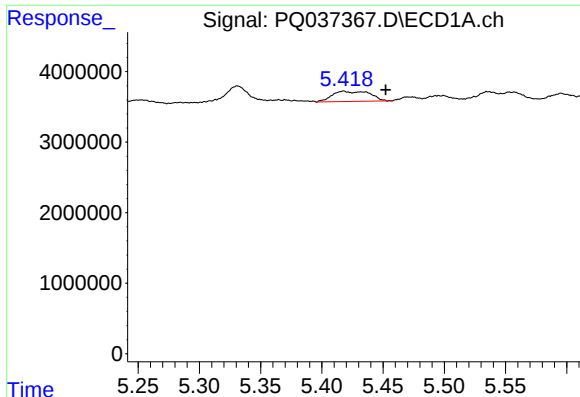
#9 AR-1221-2

R.T.: 4.568 min
Delta R.T.: -0.008 min
Response: 1890542
Conc: 27.34 ng/ml



#9 AR-1221-2

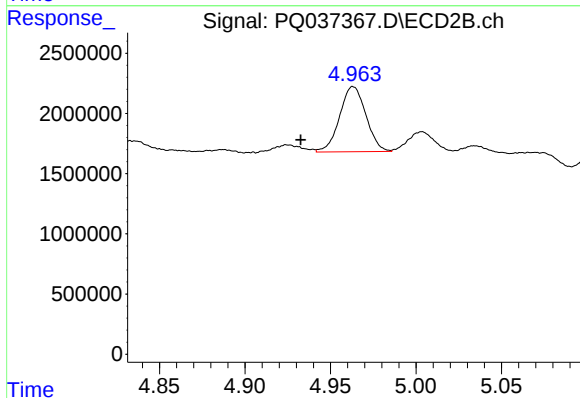
R.T.: 0.000 min
Exp R.T.: 3.968 min
Response: 0
Conc: N.D.



#13 AR-1232-3

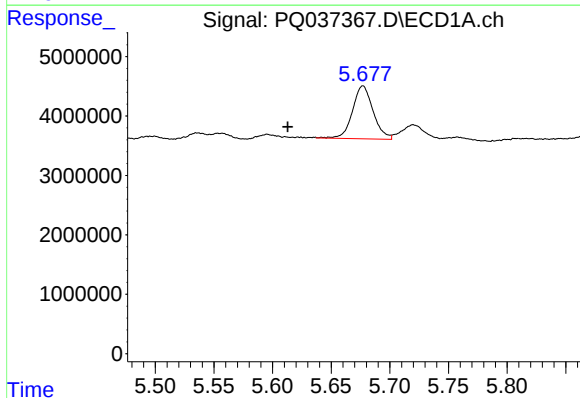
R.T.: 5.418 min
Delta R.T.: -0.034 min
Response: 3074231
Conc: 29.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



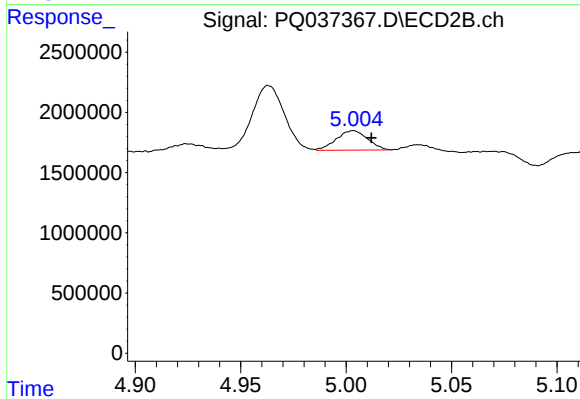
#13 AR-1232-3

R.T.: 4.963 min
Delta R.T.: 0.031 min
Response: 5794088
Conc: 216.48 ng/ml



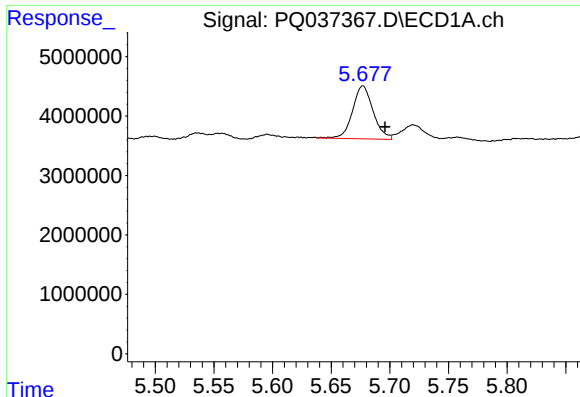
#14 AR-1232-4

R.T.: 5.677 min
Delta R.T.: 0.064 min
Response: 10882146
Conc: 220.10 ng/ml



#14 AR-1232-4

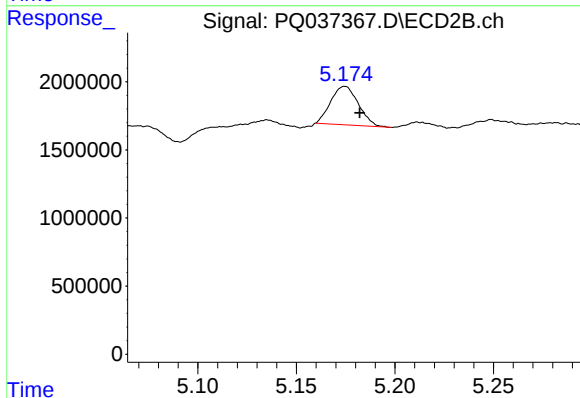
R.T.: 5.003 min
Delta R.T.: -0.009 min
Response: 1675126
Conc: 72.57 ng/ml



#15 AR-1232-5

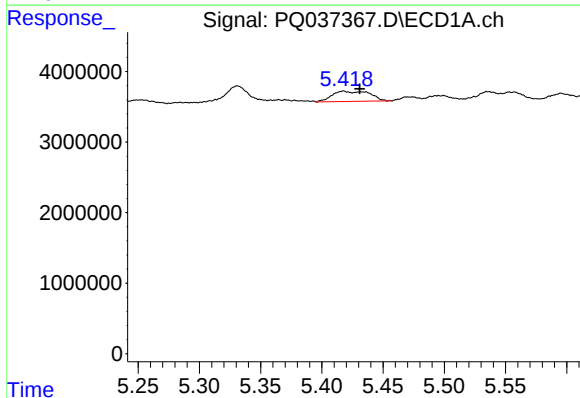
R.T.: 5.677 min
Delta R.T.: -0.019 min
Response: 10882146
Conc: 301.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



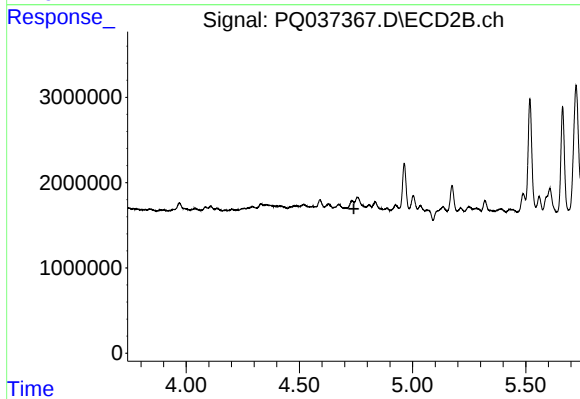
#15 AR-1232-5

R.T.: 5.175 min
Delta R.T.: -0.008 min
Response: 2750851
Conc: 110.30 ng/ml



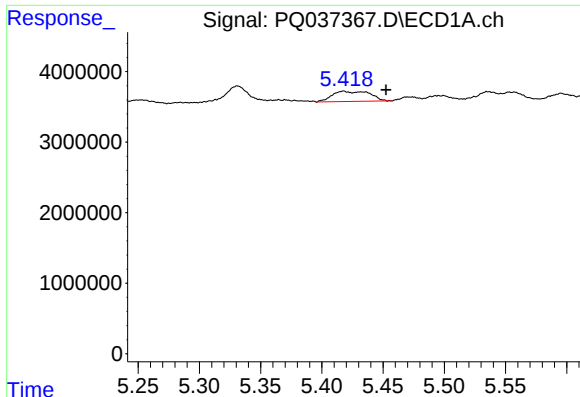
#16 AR-1242-1

R.T.: 5.418 min
Delta R.T.: -0.013 min
Response: 3074231
Conc: 26.39 ng/ml



#16 AR-1242-1

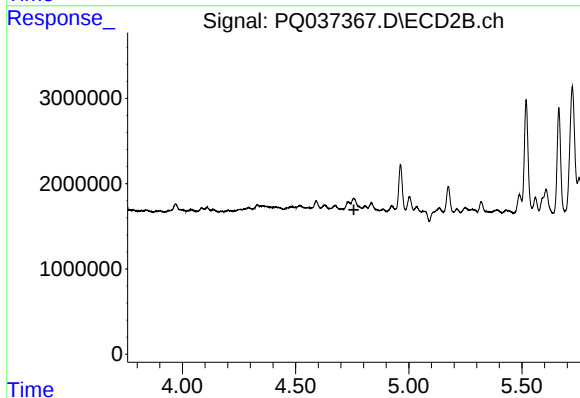
R.T.: 0.000 min
Exp R.T.: 4.741 min
Response: 0
Conc: N.D.



#17 AR-1242-2

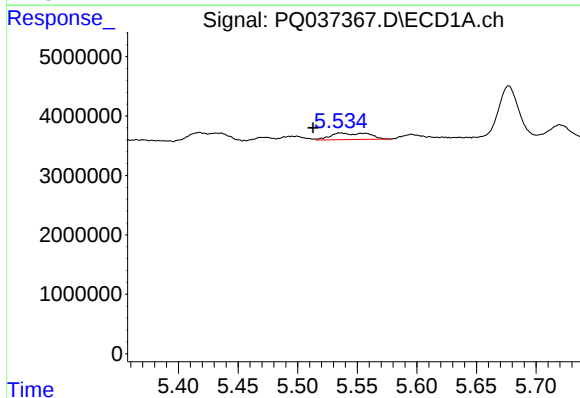
R.T.: 5.418 min
Delta R.T.: -0.035 min
Response: 3074231
Conc: 16.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



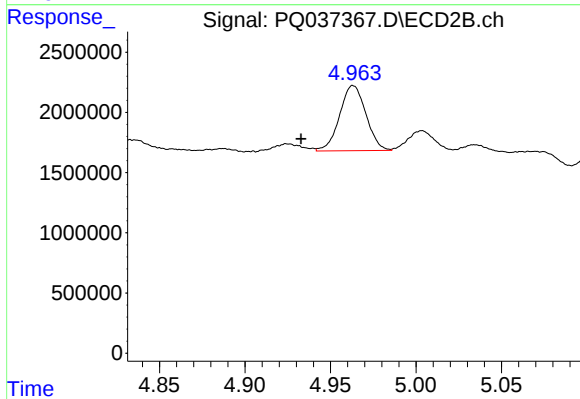
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.758 min
Response: 0
Conc: N.D.



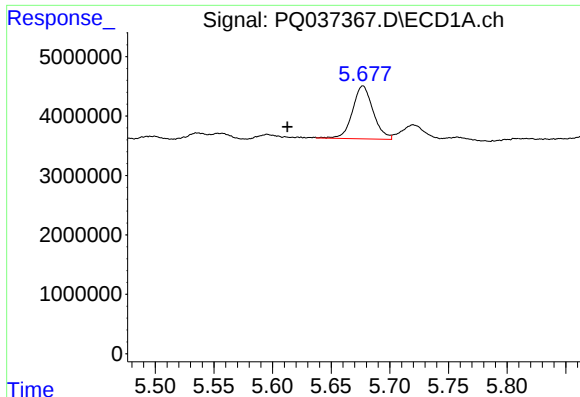
#18 AR-1242-3

R.T.: 5.537 min
Delta R.T.: 0.024 min
Response: 2449383
Conc: 22.71 ng/ml



#18 AR-1242-3

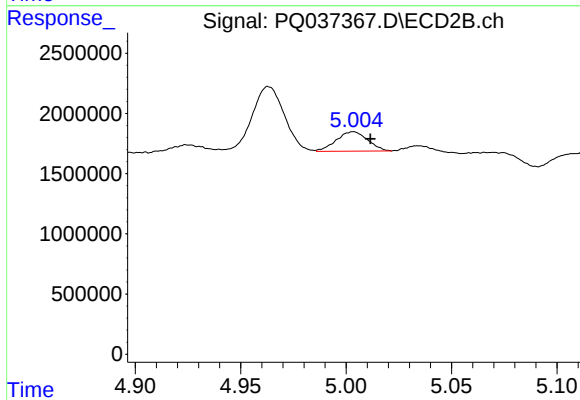
R.T.: 4.963 min
Delta R.T.: 0.031 min
Response: 5794088
Conc: 121.85 ng/ml



#19 AR-1242-4

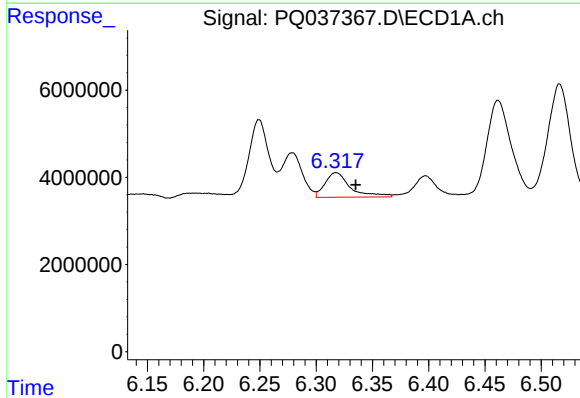
R.T.: 5.677 min
Delta R.T.: 0.064 min
Response: 10882146
Conc: 123.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



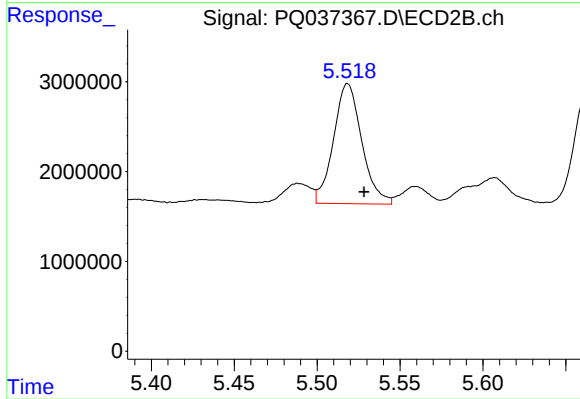
#19 AR-1242-4

R.T.: 5.003 min
Delta R.T.: -0.008 min
Response: 1675126
Conc: 37.13 ng/ml



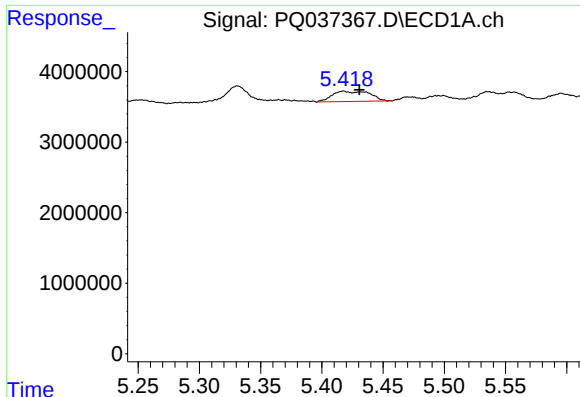
#20 AR-1242-5

R.T.: 6.318 min
Delta R.T.: -0.018 min
Response: 8861022
Conc: 88.98 ng/ml



#20 AR-1242-5

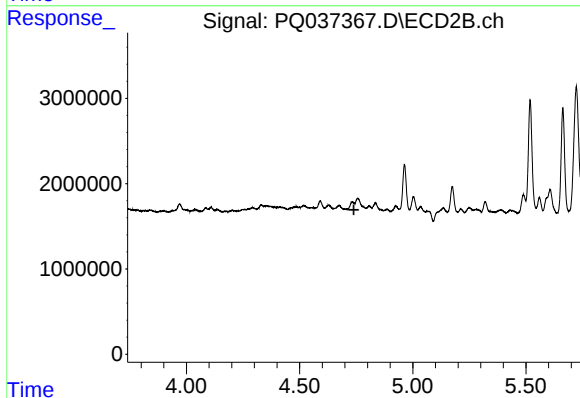
R.T.: 5.518 min
Delta R.T.: -0.010 min
Response: 15888137
Conc: 279.86 ng/ml



#21 AR-1248-1

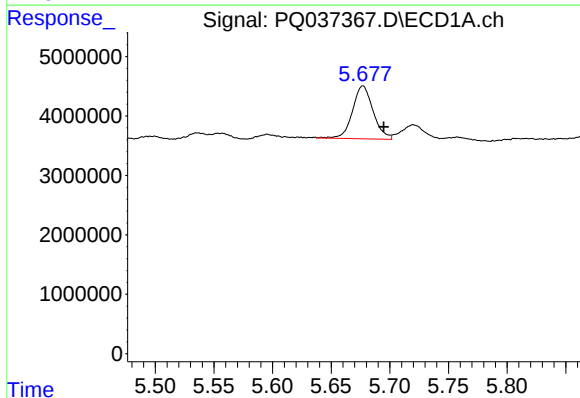
R.T.: 5.418 min
Delta R.T.: -0.013 min
Response: 3074231
Conc: 27.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



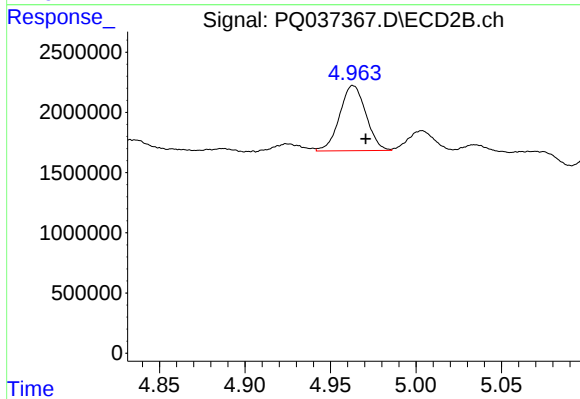
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



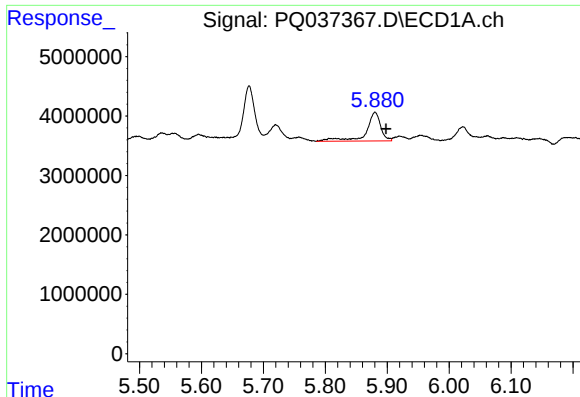
#22 AR-1248-2

R.T.: 5.677 min
Delta R.T.: -0.018 min
Response: 10882146
Conc: 69.06 ng/ml



#22 AR-1248-2

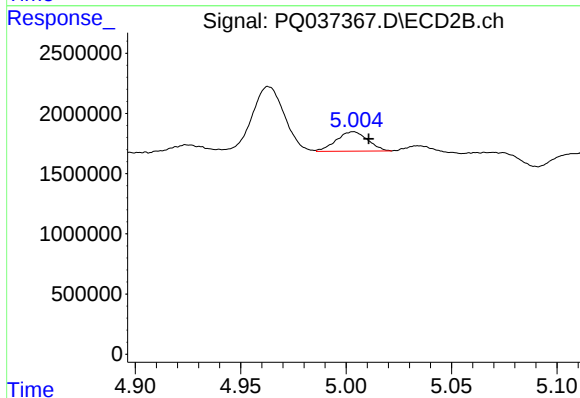
R.T.: 4.963 min
Delta R.T.: -0.007 min
Response: 5794088
Conc: 72.28 ng/ml



#23 AR-1248-3

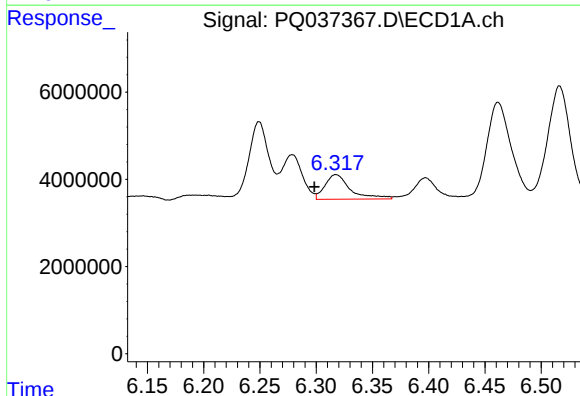
R.T.: 5.880 min
Delta R.T.: -0.018 min
Response: 7944971
Conc: 45.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



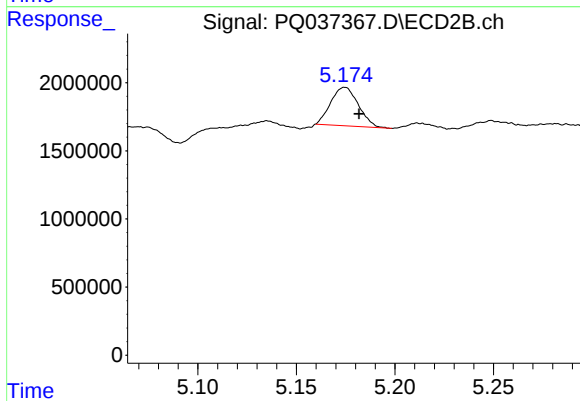
#23 AR-1248-3

R.T.: 5.003 min
Delta R.T.: -0.007 min
Response: 1675126
Conc: 20.67 ng/ml



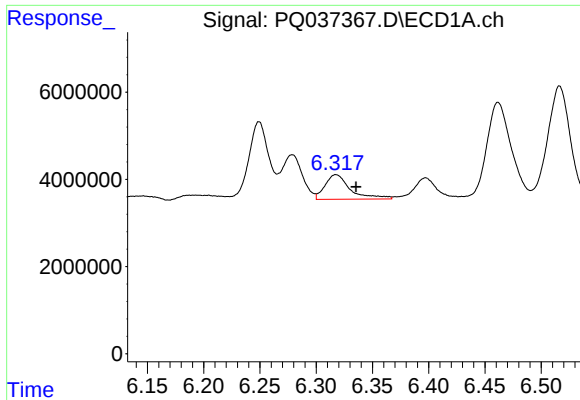
#24 AR-1248-4

R.T.: 6.318 min
Delta R.T.: 0.019 min
Response: 8861022
Conc: 43.50 ng/ml



#24 AR-1248-4

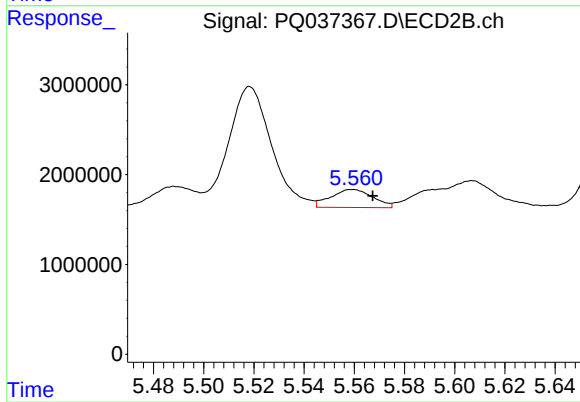
R.T.: 5.175 min
Delta R.T.: -0.007 min
Response: 2750851
Conc: 28.08 ng/ml



#25 AR-1248-5

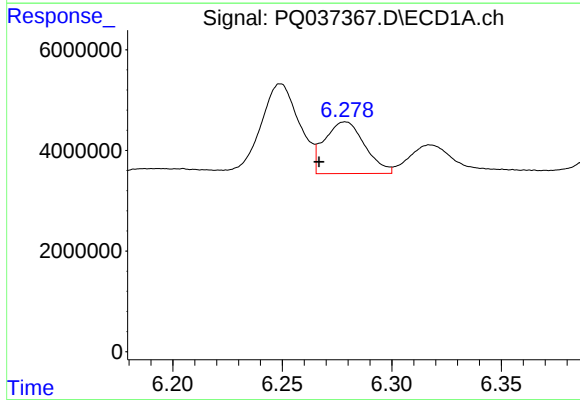
R.T.: 6.318 min
Delta R.T.: -0.018 min
Response: 8861022
Conc: 45.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



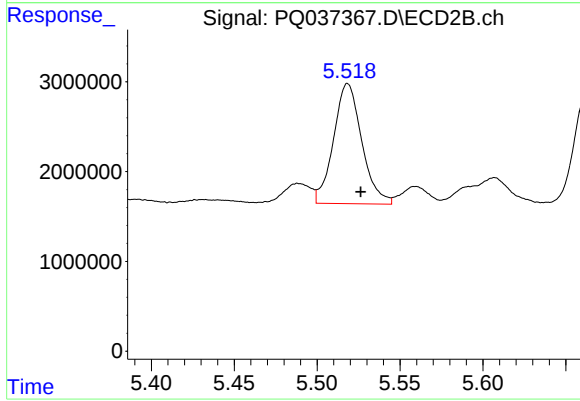
#25 AR-1248-5

R.T.: 5.559 min
Delta R.T.: -0.008 min
Response: 2333272
Conc: 24.19 ng/ml



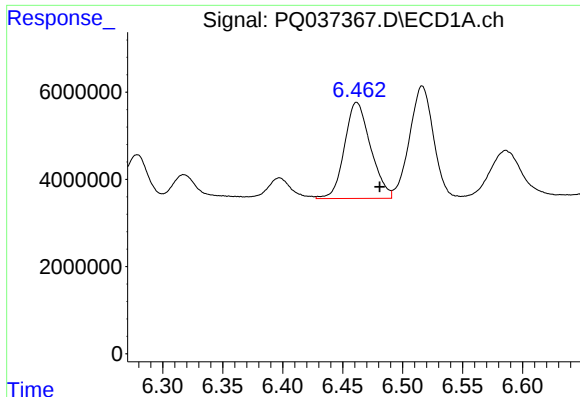
#26 AR-1254-1

R.T.: 6.279 min
Delta R.T.: 0.012 min
Response: 13115803
Conc: 22.77 ng/ml



#26 AR-1254-1

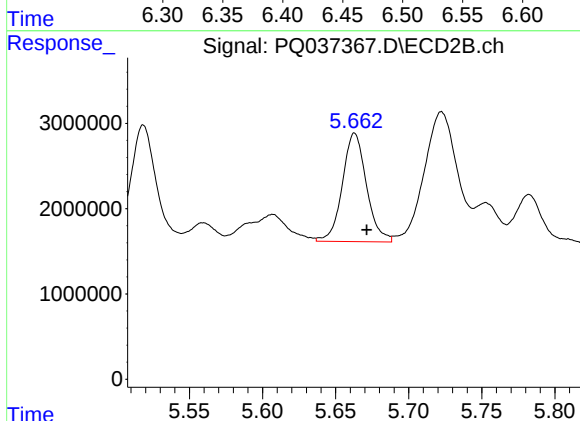
R.T.: 5.518 min
Delta R.T.: -0.008 min
Response: 15888137
Conc: 37.56 ng/ml



#27 AR-1254-2

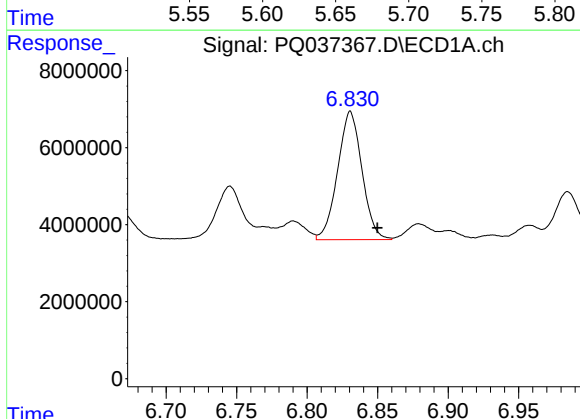
R.T.: 6.462 min
Delta R.T.: -0.019 min
Response: 33407791
Conc: 36.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



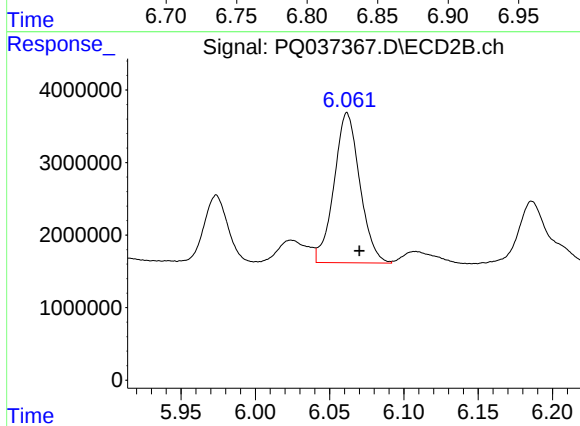
#27 AR-1254-2

R.T.: 5.663 min
Delta R.T.: -0.008 min
Response: 14615435
Conc: 40.89 ng/ml



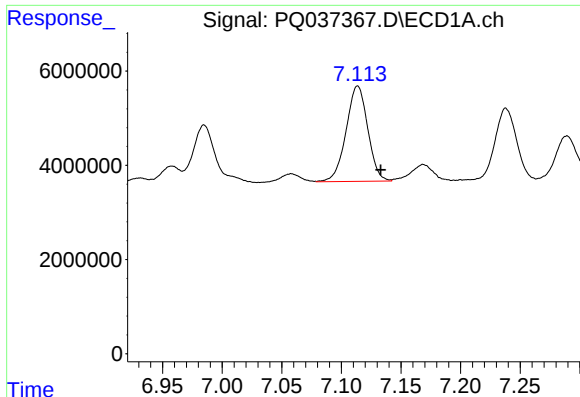
#28 AR-1254-3

R.T.: 6.831 min
Delta R.T.: -0.019 min
Response: 40079347
Conc: 40.86 ng/ml



#28 AR-1254-3

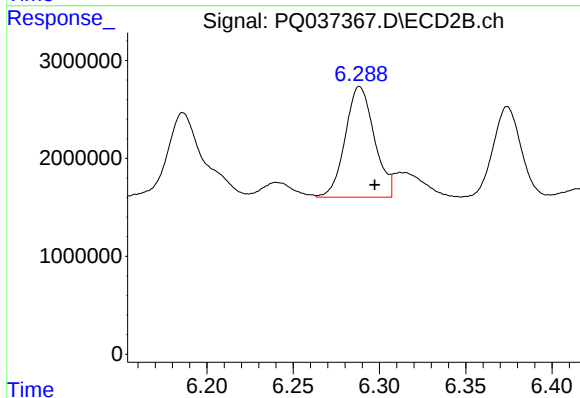
R.T.: 6.062 min
Delta R.T.: -0.008 min
Response: 24994514
Conc: 42.38 ng/ml



#29 AR-1254-4

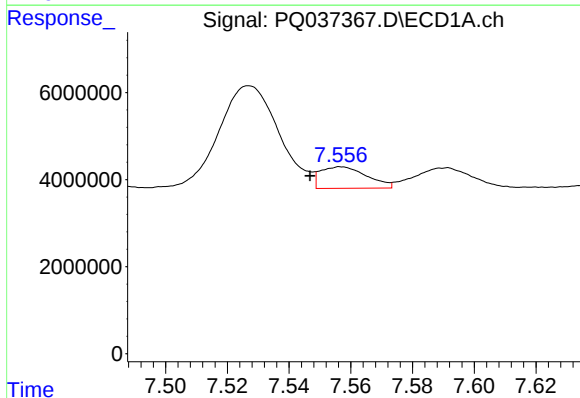
R.T.: 7.114 min
Delta R.T.: -0.019 min
Response: 25686359
Conc: 34.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



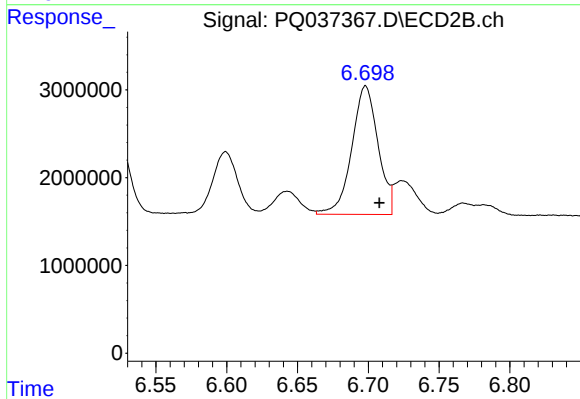
#29 AR-1254-4

R.T.: 6.289 min
Delta R.T.: -0.009 min
Response: 13234682
Conc: 31.55 ng/ml



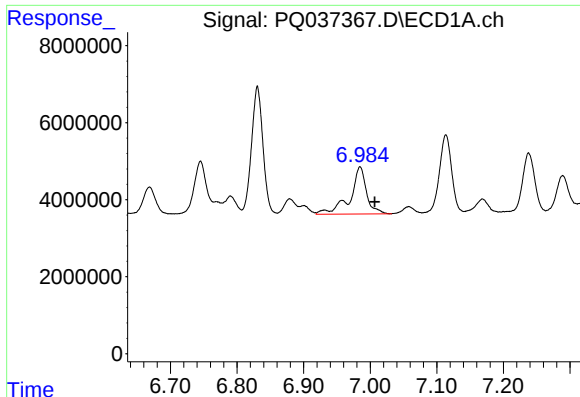
#30 AR-1254-5

R.T.: 7.557 min
Delta R.T.: 0.010 min
Response: 5153956
Conc: 6.79 ng/ml



#30 AR-1254-5

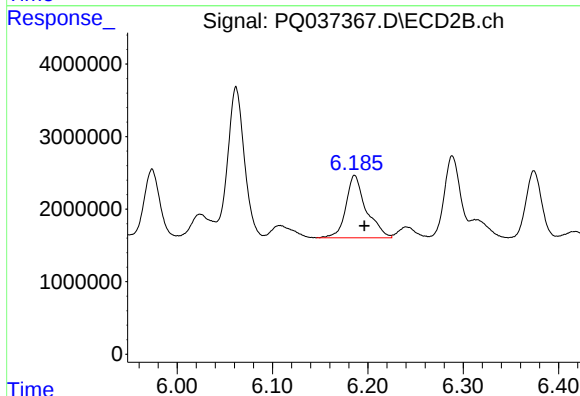
R.T.: 6.698 min
Delta R.T.: -0.010 min
Response: 18897319
Conc: 39.64 ng/ml



#31 AR-1260-1

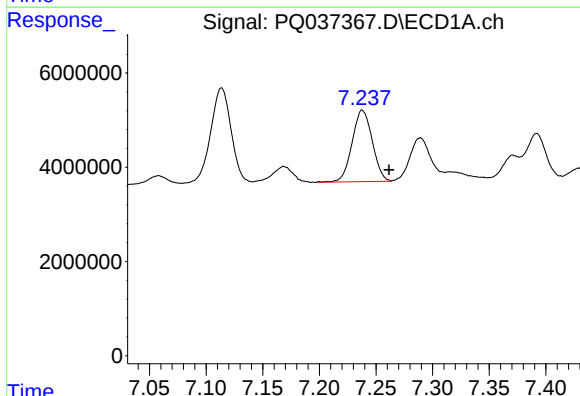
R.T.: 6.985 min
Delta R.T.: -0.022 min
Response: 21002011
Conc: 80.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



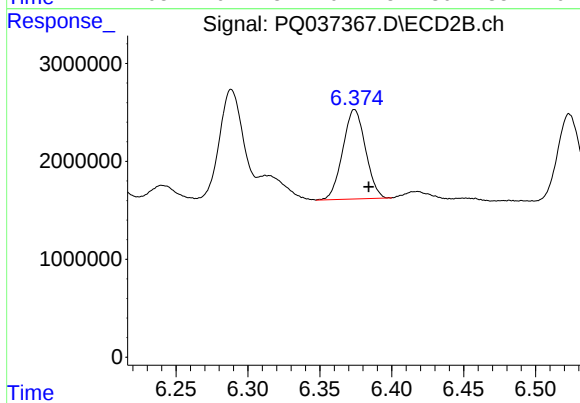
#31 AR-1260-1

R.T.: 6.186 min
Delta R.T.: -0.010 min
Response: 12749469
Conc: 90.55 ng/ml



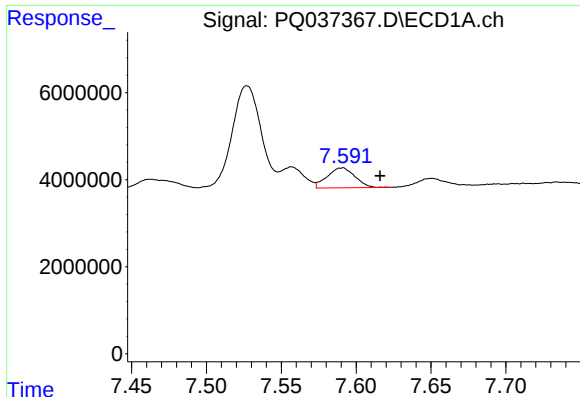
#32 AR-1260-2

R.T.: 7.238 min
Delta R.T.: -0.023 min
Response: 18815063
Conc: 56.57 ng/ml



#32 AR-1260-2

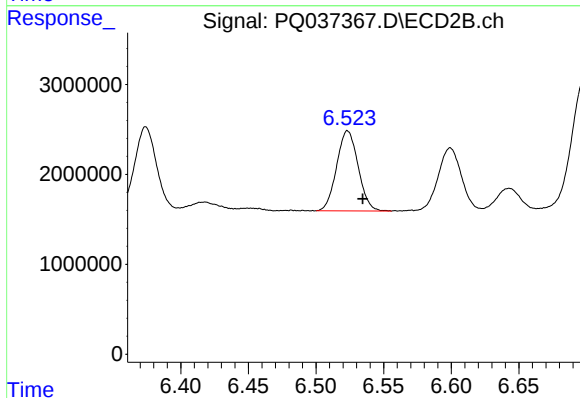
R.T.: 6.374 min
Delta R.T.: -0.010 min
Response: 10093051
Conc: 58.09 ng/ml



#33 AR-1260-3

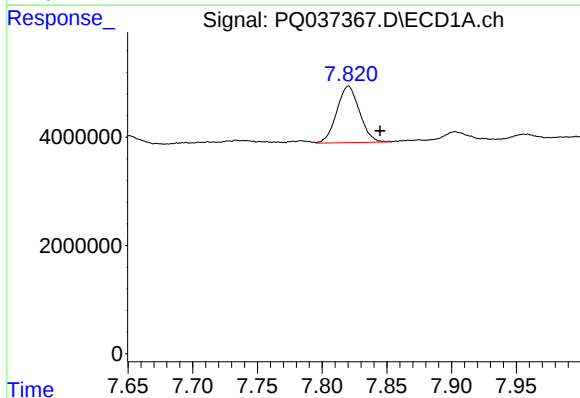
R.T.: 7.590 min
Delta R.T.: -0.026 min
Response: 5935098
Conc: 27.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



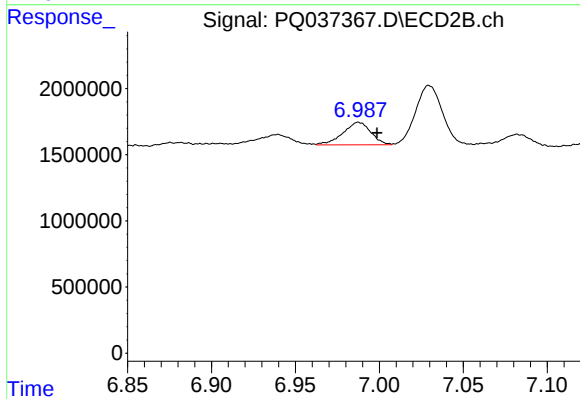
#33 AR-1260-3

R.T.: 6.523 min
Delta R.T.: -0.011 min
Response: 9861875
Conc: 61.70 ng/ml



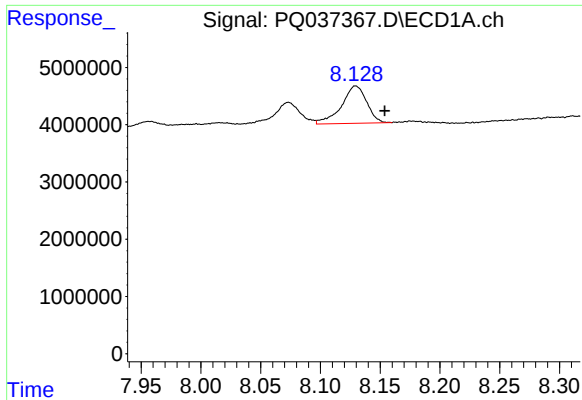
#34 AR-1260-4

R.T.: 7.820 min
Delta R.T.: -0.025 min
Response: 12777829
Conc: 53.32 ng/ml



#34 AR-1260-4

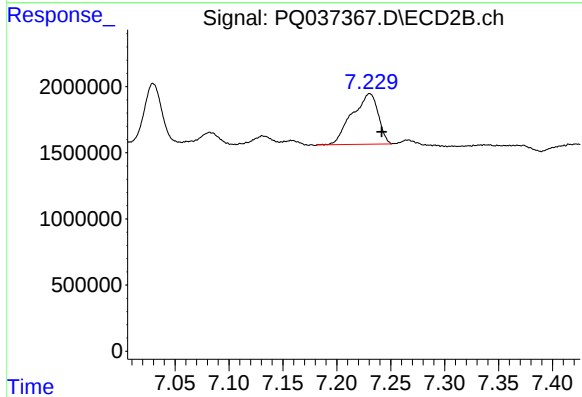
R.T.: 6.988 min
Delta R.T.: -0.011 min
Response: 1984206
Conc: 18.94 ng/ml



#35 AR-1260-5

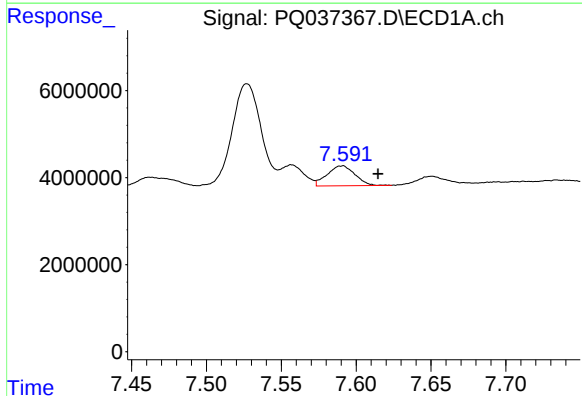
R.T.: 8.130 min
Delta R.T.: -0.024 min
Response: 9628776
Conc: 19.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



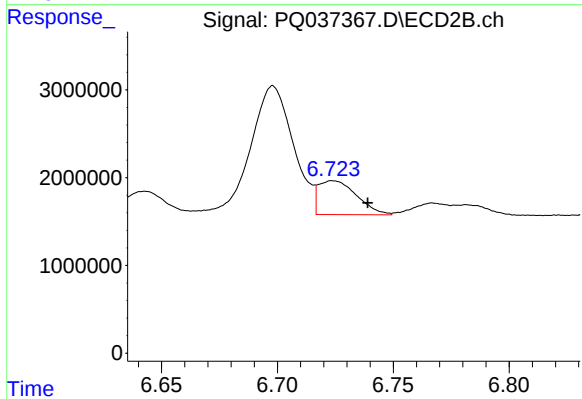
#35 AR-1260-5

R.T.: 7.231 min
Delta R.T.: -0.011 min
Response: 6415561
Conc: 24.97 ng/ml



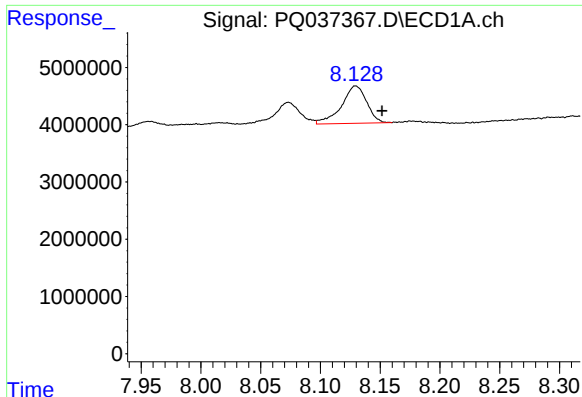
#36 AR-1262-1

R.T.: 7.590 min
Delta R.T.: -0.024 min
Response: 5935098
Conc: 13.77 ng/ml



#36 AR-1262-1

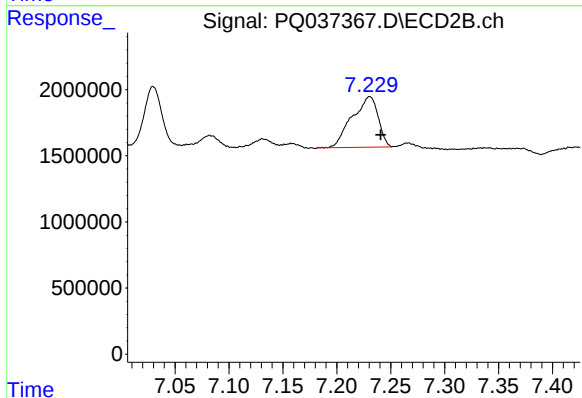
R.T.: 6.724 min
Delta R.T.: -0.015 min
Response: 4442708
Conc: 21.05 ng/ml



#37 AR-1262-2

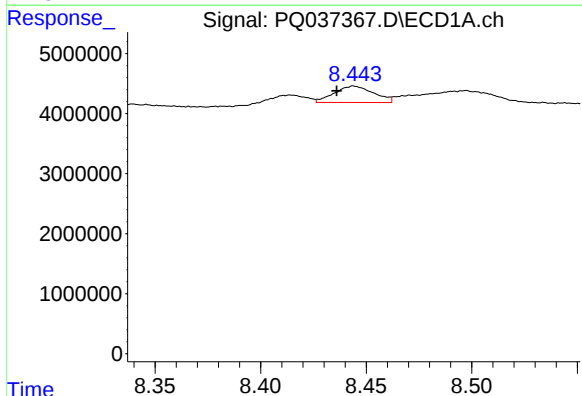
R.T.: 8.130 min
Delta R.T.: -0.022 min
Response: 9628776
Conc: 12.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



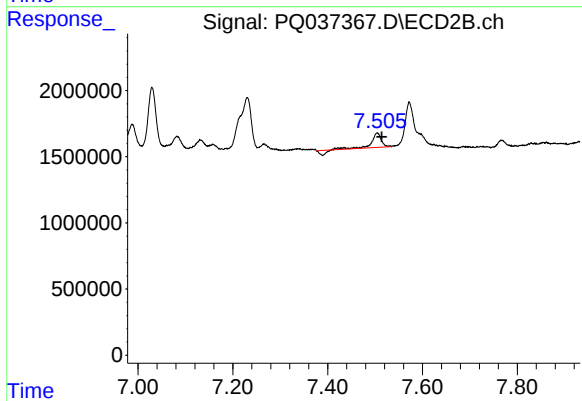
#37 AR-1262-2

R.T.: 7.231 min
Delta R.T.: -0.010 min
Response: 6415561
Conc: 17.67 ng/ml



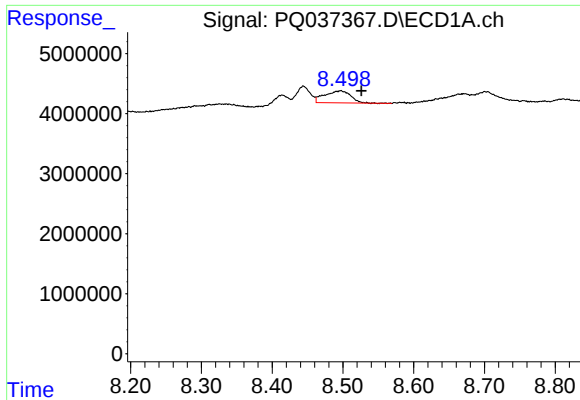
#38 AR-1262-3

R.T.: 8.444 min
Delta R.T.: 0.008 min
Response: 3542550
Conc: 11.36 ng/ml



#38 AR-1262-3

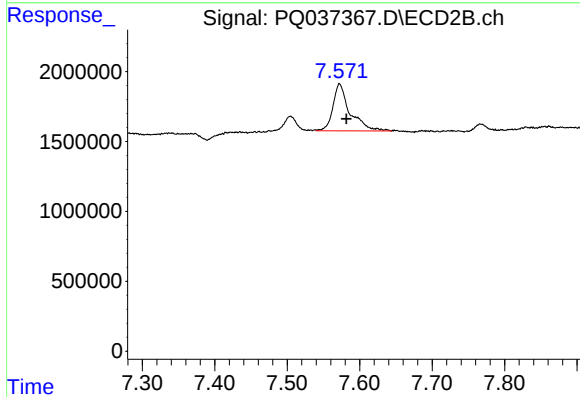
R.T.: 7.505 min
Delta R.T.: -0.010 min
Response: 1354632
Conc: 9.66 ng/ml



#39 AR-1262-4

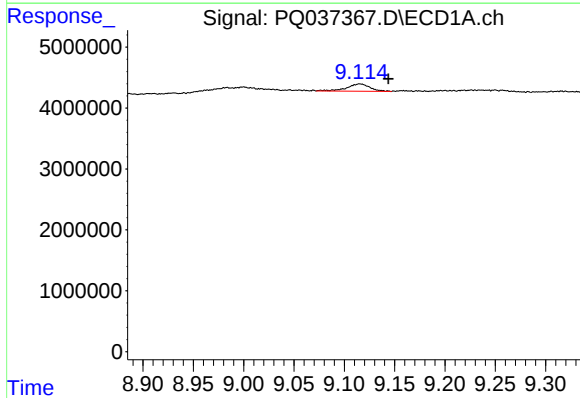
R.T.: 8.496 min
Delta R.T.: -0.030 min
Response: 5115673
Conc: 14.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



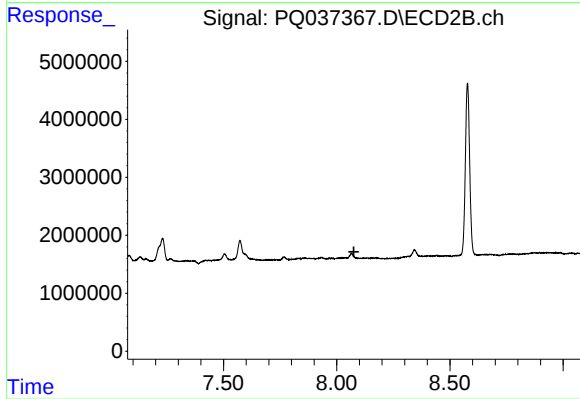
#39 AR-1262-4

R.T.: 7.572 min
Delta R.T.: -0.010 min
Response: 5499891
Conc: 21.64 ng/ml



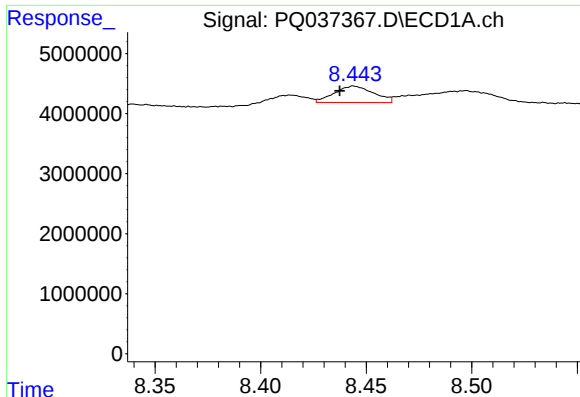
#40 AR-1262-5

R.T.: 9.115 min
Delta R.T.: -0.028 min
Response: 1926678
Conc: 8.50 ng/ml



#40 AR-1262-5

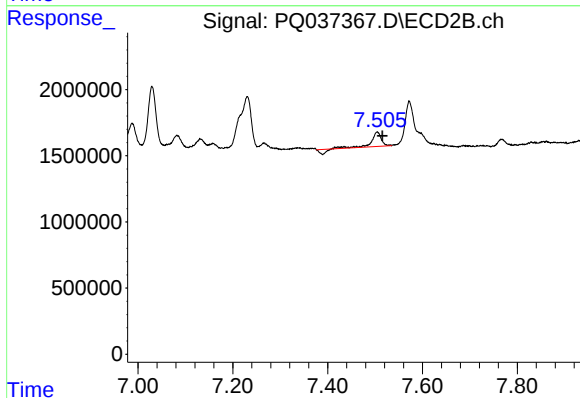
R.T.: 0.000 min
Exp R.T.: 8.076 min
Response: 0
Conc: N.D.



#41 AR-1268-1

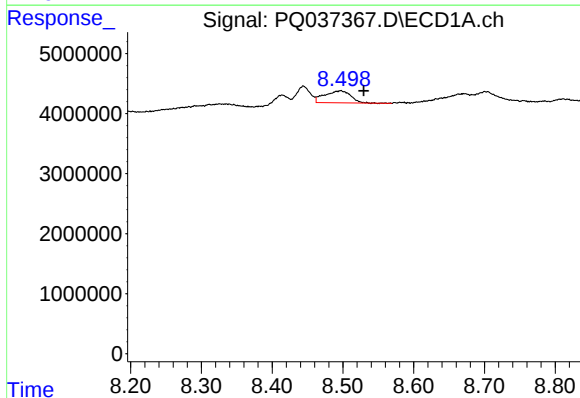
R.T.: 8.444 min
Delta R.T.: 0.007 min
Response: 3542550
Conc: 4.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



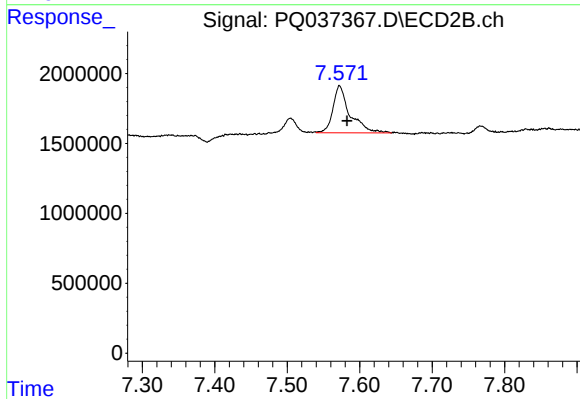
#41 AR-1268-1

R.T.: 7.505 min
Delta R.T.: -0.011 min
Response: 1354632
Conc: 3.78 ng/ml



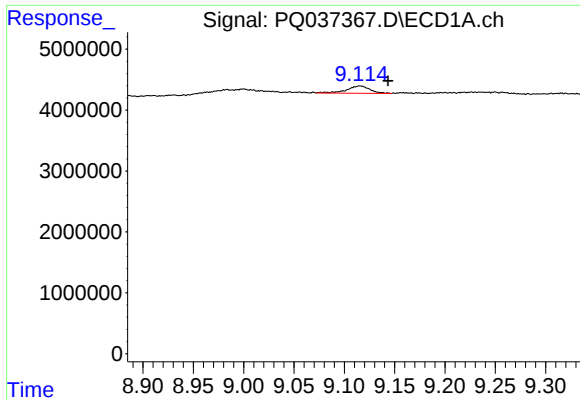
#42 AR-1268-2

R.T.: 8.496 min
Delta R.T.: -0.033 min
Response: 5115673
Conc: 7.29 ng/ml



#42 AR-1268-2

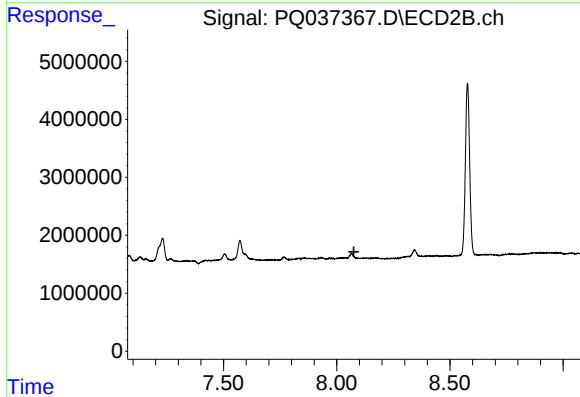
R.T.: 7.572 min
Delta R.T.: -0.010 min
Response: 5499891
Conc: 16.96 ng/ml



#44 AR-1268-4

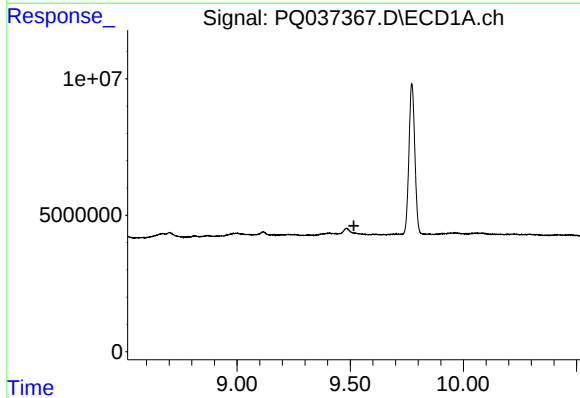
R.T.: 9.115 min
Delta R.T.: -0.028 min
Response: 1926678
Conc: 8.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
A0C14-02-C4(0-6)



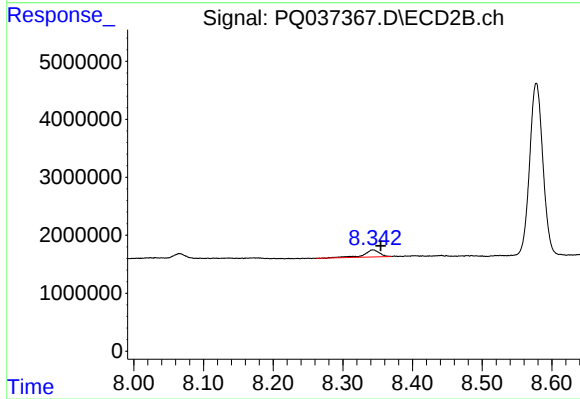
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.076 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.516 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.343 min
Delta R.T.: -0.011 min
Response: 1884008
Conc: 2.28 ng/ml