

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0033120\
 Data File : P0067517.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Mar 2020 14:38
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 15:50:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031920.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 19 16:36:53 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.947	3.949	1170269	1603540	55.062	45.870
2)	SA Decachlor...	10.928	9.239	1624145	1911093	56.525	48.995
Target Compounds							
3)	L1 AR-1016-1	6.265	5.205	473154	646783	522.891	422.819
4)	L1 AR-1016-2	6.289	5.225	652797	861719	523.944	427.137
5)	L1 AR-1016-3	6.355	5.416	401967	463760	513.166	415.543
6)	L1 AR-1016-4	6.462	5.469	329392	380493	517.868	409.103
7)	L1 AR-1016-5	6.775	5.697	325958	495534	504.476	417.886
8)	L2 AR-1221-1	0.000	4.205	0	53471	N.D.	126.749 #
9)	L2 AR-1221-2	0.000	4.305	0	80379	N.D.	251.651 #
10)	L2 AR-1221-3	5.383	4.394	227478	316840	389.156	321.406
11)	L3 AR-1232-1	5.383	4.394	227478	316840	529.961	437.803
12)	L3 AR-1232-2	5.971	5.225	315972	861719	1355.116	1174.541
13)	L3 AR-1232-3	6.289	5.416	652797	463760	1551.128	1186.798
14)	L3 AR-1232-4	6.462	5.513	329392	459821	1520.538	1287.339
15)	L3 AR-1232-5	6.559	5.697	272743	495534	1692.835	1260.845 #
16)	L4 AR-1242-1	6.265	5.205	473154	646783	692.664	554.114
17)	L4 AR-1242-2	6.289	5.225	652797	861719	702.708	562.732
18)	L4 AR-1242-3	6.355	5.416	401967	463760	678.422	549.674
19)	L4 AR-1242-4	6.462	5.513	329392	459821	689.399	543.822
20)	L4 AR-1242-5	7.173	6.077	204276	387495	375.150	362.354
21)	L5 AR-1248-1	6.265	5.205	473154	646783	1047.132	815.944
22)	L5 AR-1248-2	6.559	5.469	272743	380493	452.398	368.786
23)	L5 AR-1248-3	6.775	5.513	325958	459821	461.612	436.890
24)	L5 AR-1248-4	7.173	5.697	204276	495534	245.960	391.829 #
25)	L5 AR-1248-5	7.173	6.119	204276	61394	257.868	48.942 #
26)	L6 AR-1254-1	7.173	6.077	204276	387495	242.820	199.016
27)	L6 AR-1254-2	7.400	6.237	261353	344732	194.899	200.000
28)	L6 AR-1254-3	7.781	6.657	154894	208546	106.883	74.356 #
29)	L6 AR-1254-4	8.074	6.895	120255	105085	106.376	57.108 #
30)	L6 AR-1254-5	8.501	7.323	923319	1284233	748.760	517.575 #
31)	L7 AR-1260-1	7.947	6.793	655842	923251	540.599	430.864
32)	L7 AR-1260-2	8.211	6.990	798971	1142000	533.566	432.177
33)	L7 AR-1260-3	8.575	7.145	612744	1061730	531.506	435.058
34)	L7 AR-1260-4	8.804	7.627	718999	941210	535.364	443.423
35)	L7 AR-1260-5	9.127	7.874	1492082	2271748	525.087	455.684
36)	L8 AR-1262-1	8.575	7.323	612744	1284233	420.790	893.762 #
37)	L8 AR-1262-2	9.127	7.874	1492082	2271748	539.914	492.138
38)	L8 AR-1262-3	9.456	8.161	1025658	517301	527.653	259.099 #
39)	L8 AR-1262-4	9.508	8.222	635901	1673634	434.326	476.952
40)	L8 AR-1262-5	10.187	8.719	496690	674576	454.945	397.084
41)	L9 AR-1268-1	9.456	8.161	1025658	517301	313.438	97.483 #

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 Acq On : 31 Mar 2020 14:38
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

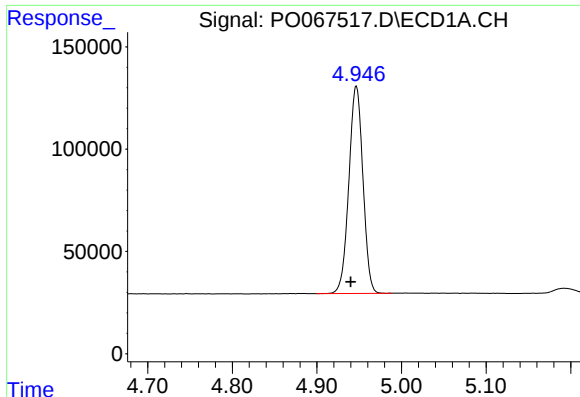
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 15:50:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031920.M
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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	9.508	8.222	635901	1673634	208.253	351.867 #
44) L9	AR-1268-4	10.187	8.719	496690	674576	409.228	360.710
45) L9	AR-1268-5	10.596	8.997	145296	193250	16.272	16.004

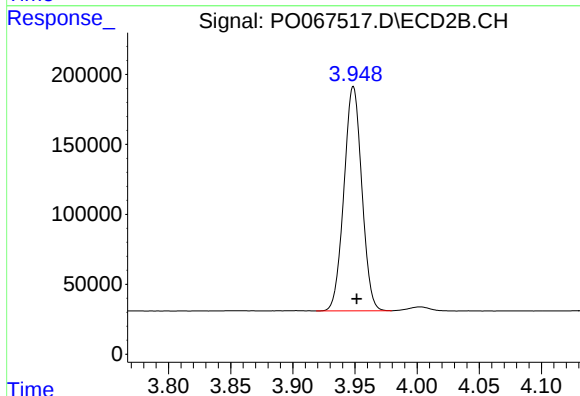
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

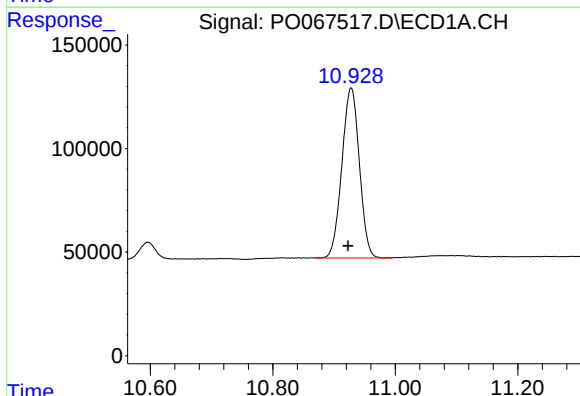
R.T.: 4.947 min
Delta R.T.: 0.007 min
Response: 1170269
Conc: 55.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



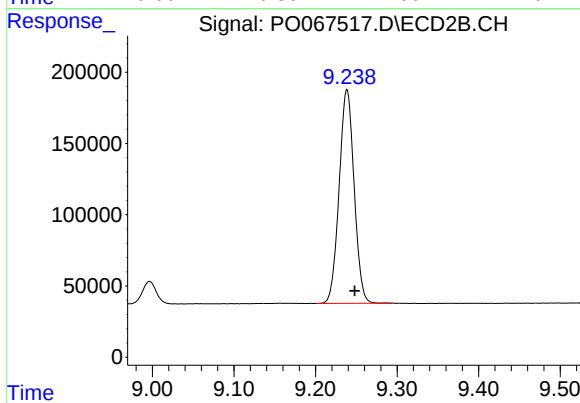
#1 Tetrachloro-m-xylene

R.T.: 3.949 min
Delta R.T.: -0.003 min
Response: 1603540
Conc: 45.87 ng/ml



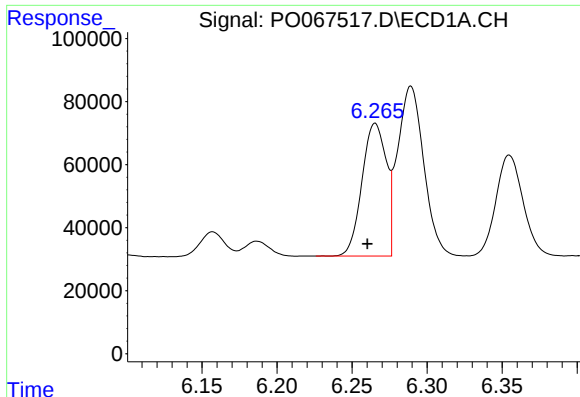
#2 Decachlorobiphenyl

R.T.: 10.928 min
Delta R.T.: 0.005 min
Response: 1624145
Conc: 56.53 ng/ml



#2 Decachlorobiphenyl

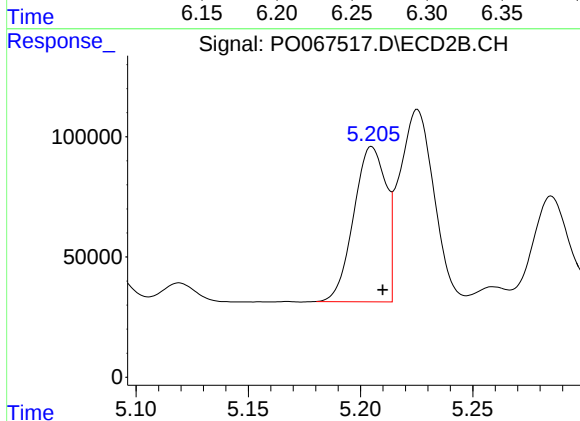
R.T.: 9.239 min
Delta R.T.: -0.010 min
Response: 1911093
Conc: 48.99 ng/ml



#3 AR-1016-1

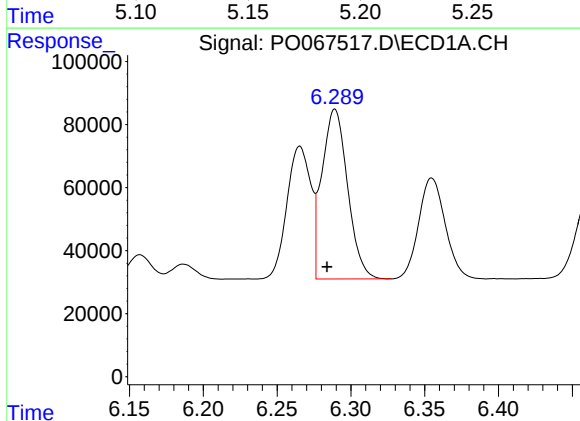
R.T.: 6.265 min
Delta R.T.: 0.005 min
Response: 473154
Conc: 522.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



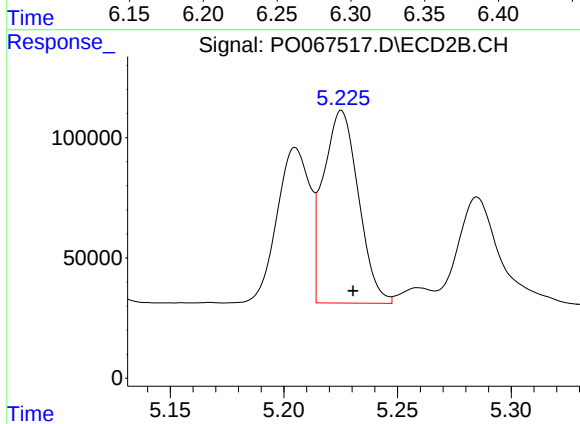
#3 AR-1016-1

R.T.: 5.205 min
Delta R.T.: -0.005 min
Response: 646783
Conc: 422.82 ng/ml



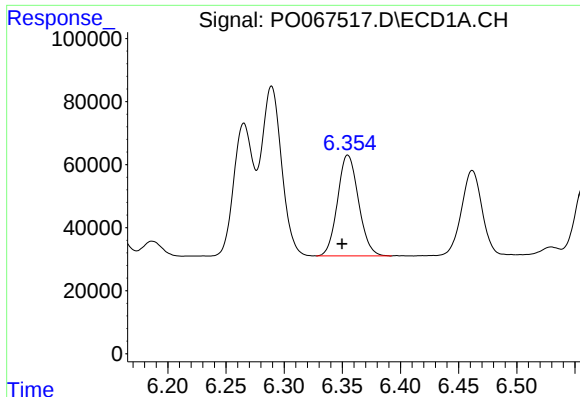
#4 AR-1016-2

R.T.: 6.289 min
Delta R.T.: 0.005 min
Response: 652797
Conc: 523.94 ng/ml



#4 AR-1016-2

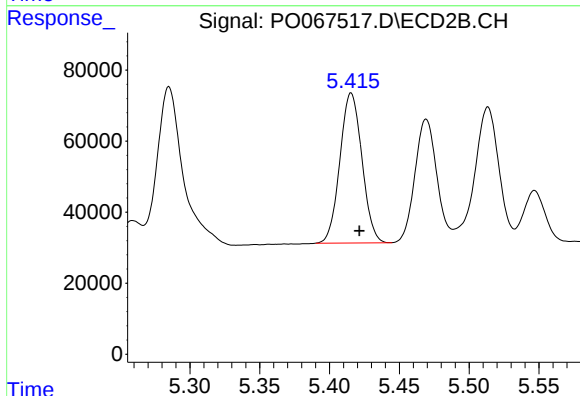
R.T.: 5.225 min
Delta R.T.: -0.005 min
Response: 861719
Conc: 427.14 ng/ml



#5 AR-1016-3

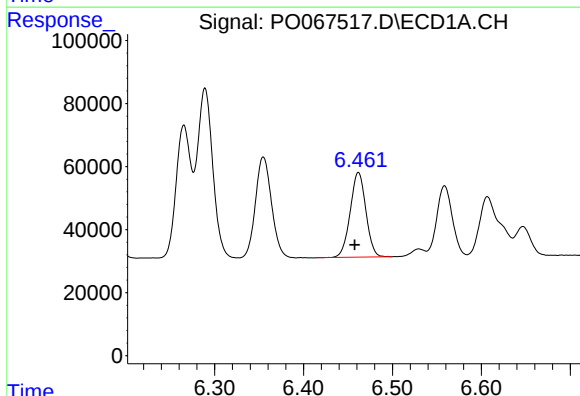
R.T.: 6.355 min
Delta R.T.: 0.005 min
Response: 401967
Conc: 513.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



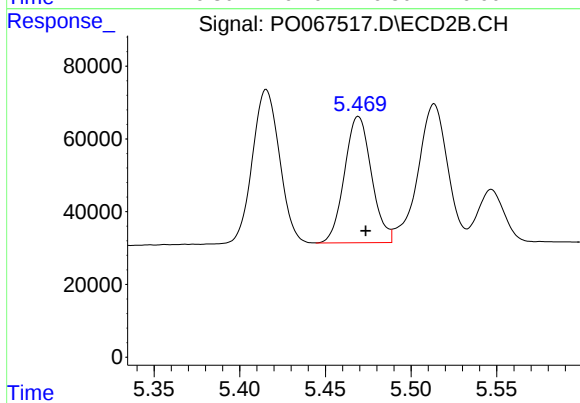
#5 AR-1016-3

R.T.: 5.416 min
Delta R.T.: -0.006 min
Response: 463760
Conc: 415.54 ng/ml



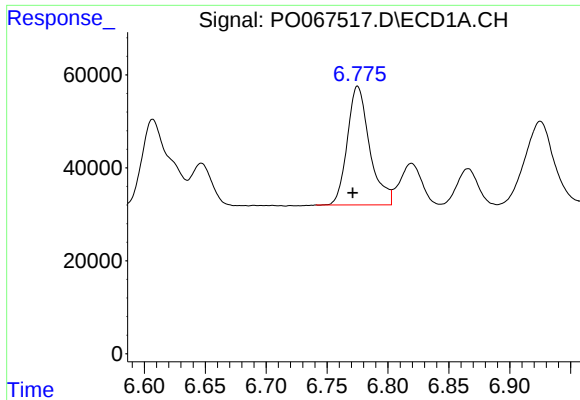
#6 AR-1016-4

R.T.: 6.462 min
Delta R.T.: 0.004 min
Response: 329392
Conc: 517.87 ng/ml



#6 AR-1016-4

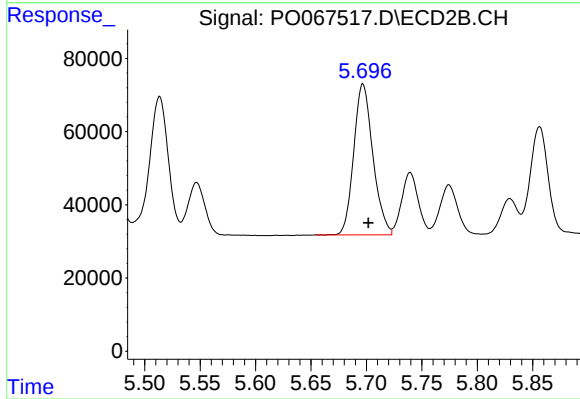
R.T.: 5.469 min
Delta R.T.: -0.004 min
Response: 380493
Conc: 409.10 ng/ml



#7 AR-1016-5

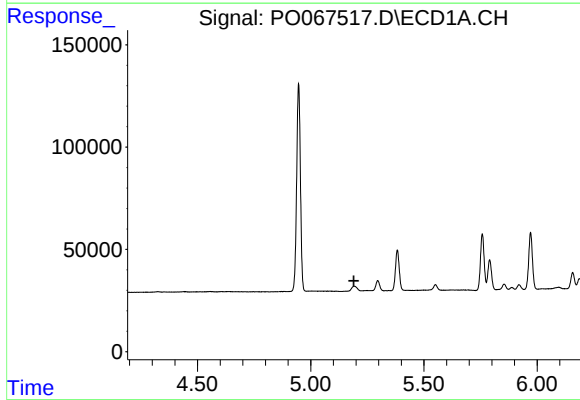
R.T.: 6.775 min
Delta R.T.: 0.004 min
Response: 325958
Conc: 504.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



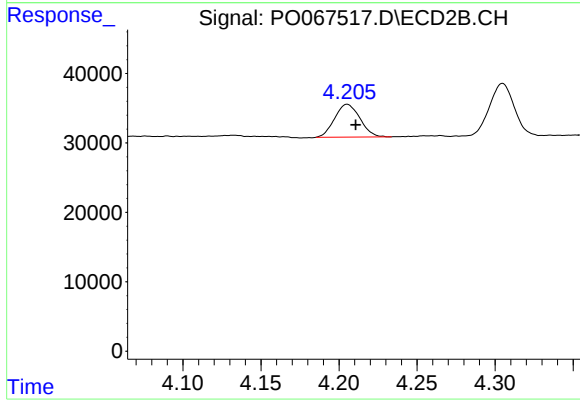
#7 AR-1016-5

R.T.: 5.697 min
Delta R.T.: -0.005 min
Response: 495534
Conc: 417.89 ng/ml



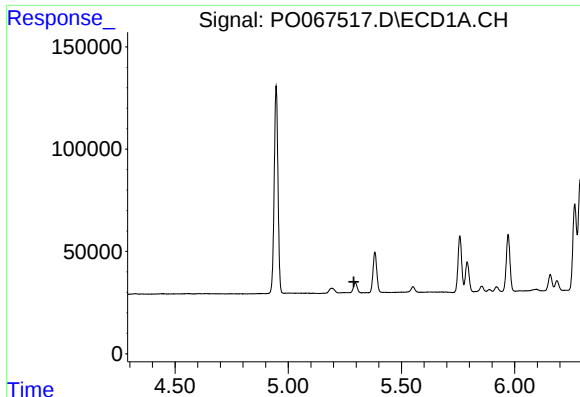
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.191 min
Response: 0
Conc: N.D.



#8 AR-1221-1

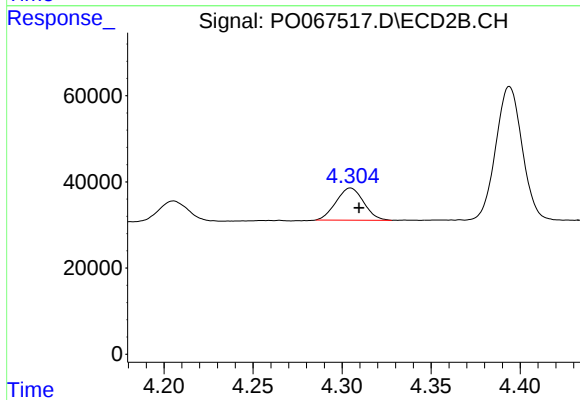
R.T.: 4.205 min
Delta R.T.: -0.005 min
Response: 53471
Conc: 126.75 ng/ml



#9 AR-1221-2

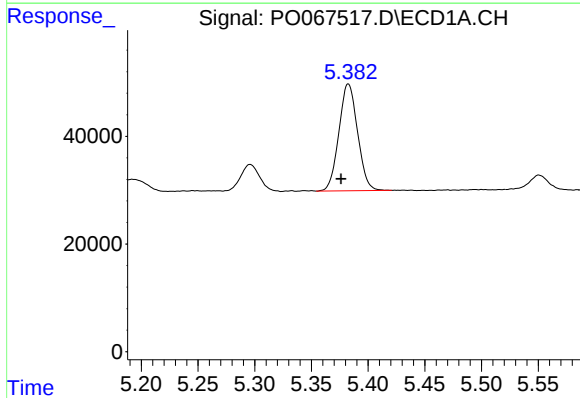
R.T.: 0.000 min
Exp R.T.: 5.290 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



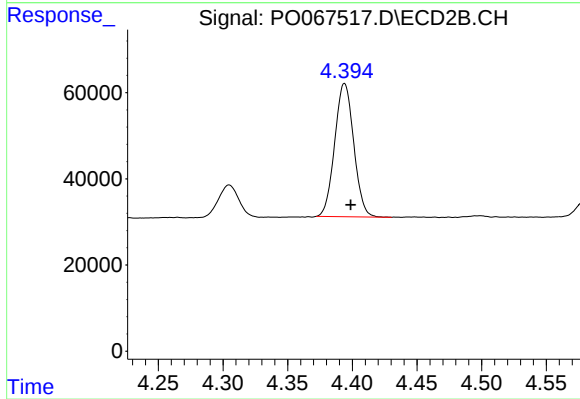
#9 AR-1221-2

R.T.: 4.305 min
Delta R.T.: -0.005 min
Response: 80379
Conc: 251.65 ng/ml



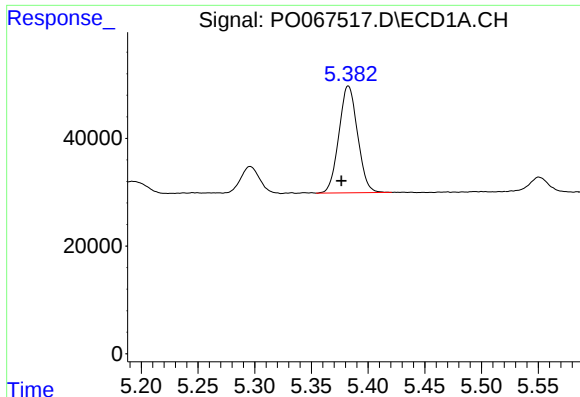
#10 AR-1221-3

R.T.: 5.383 min
Delta R.T.: 0.006 min
Response: 227478
Conc: 389.16 ng/ml



#10 AR-1221-3

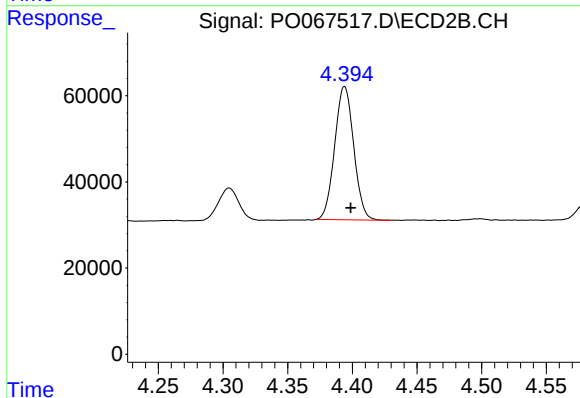
R.T.: 4.394 min
Delta R.T.: -0.005 min
Response: 316840
Conc: 321.41 ng/ml



#11 AR-1232-1

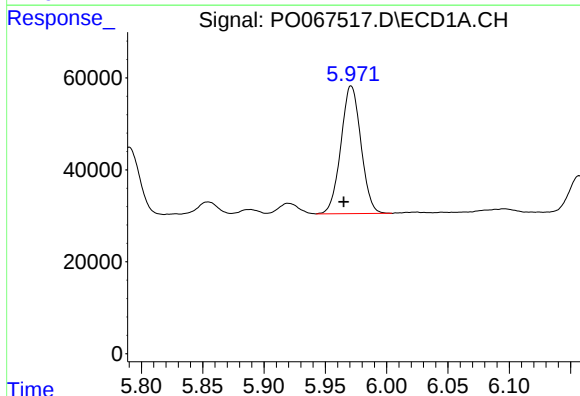
R.T.: 5.383 min
Delta R.T.: 0.006 min
Response: 227478
Conc: 529.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



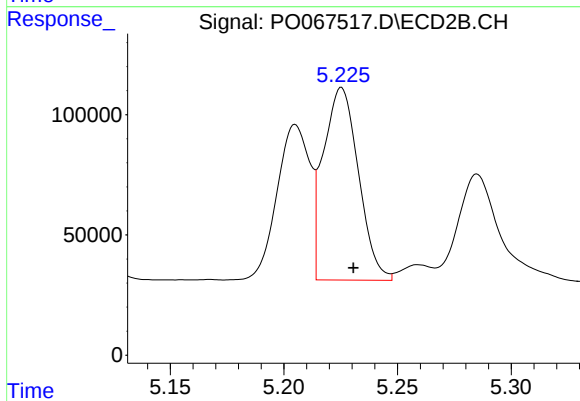
#11 AR-1232-1

R.T.: 4.394 min
Delta R.T.: -0.005 min
Response: 316840
Conc: 437.80 ng/ml



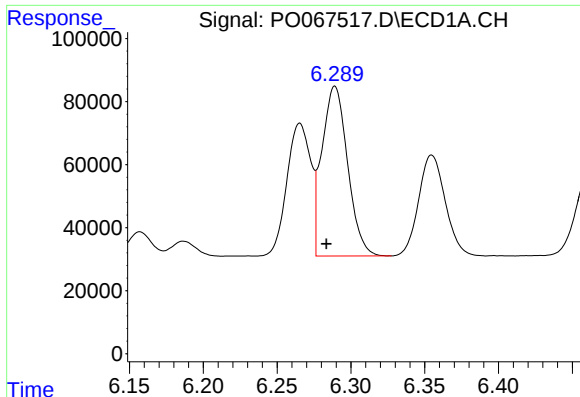
#12 AR-1232-2

R.T.: 5.971 min
Delta R.T.: 0.006 min
Response: 315972
Conc: 1355.12 ng/ml



#12 AR-1232-2

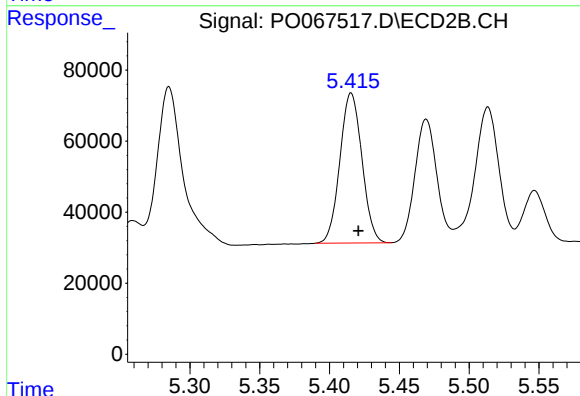
R.T.: 5.225 min
Delta R.T.: -0.005 min
Response: 861719
Conc: 1174.54 ng/ml



#13 AR-1232-3

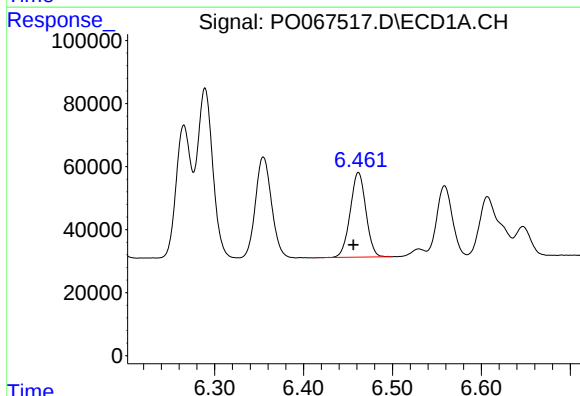
R.T.: 6.289 min
Delta R.T.: 0.006 min
Response: 652797
Conc: 1551.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



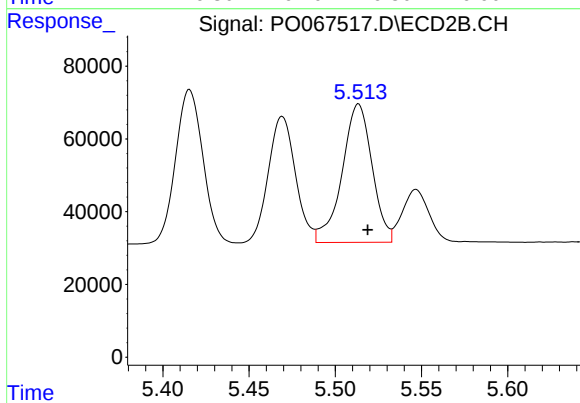
#13 AR-1232-3

R.T.: 5.416 min
Delta R.T.: -0.005 min
Response: 463760
Conc: 1186.80 ng/ml



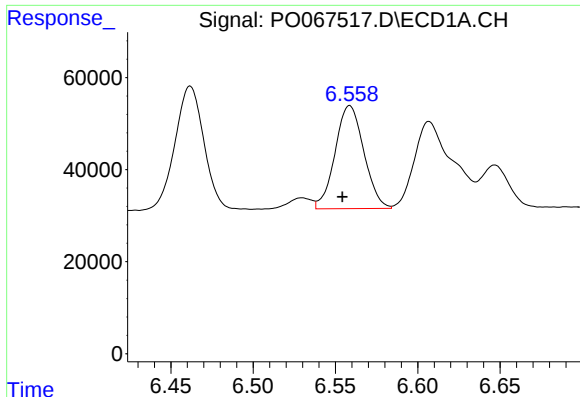
#14 AR-1232-4

R.T.: 6.462 min
Delta R.T.: 0.005 min
Response: 329392
Conc: 1520.54 ng/ml



#14 AR-1232-4

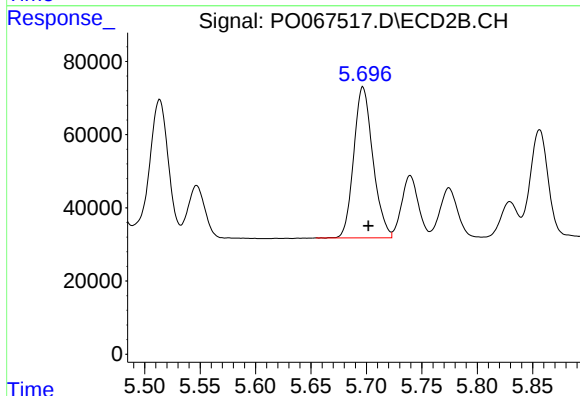
R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 459821
Conc: 1287.34 ng/ml



#15 AR-1232-5

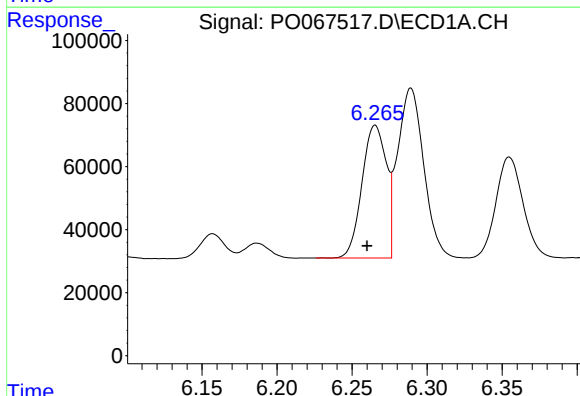
R.T.: 6.559 min
Delta R.T.: 0.004 min
Response: 272743
Conc: 1692.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



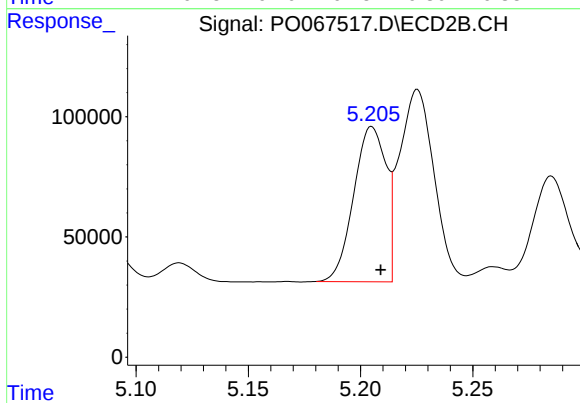
#15 AR-1232-5

R.T.: 5.697 min
Delta R.T.: -0.005 min
Response: 495534
Conc: 1260.84 ng/ml



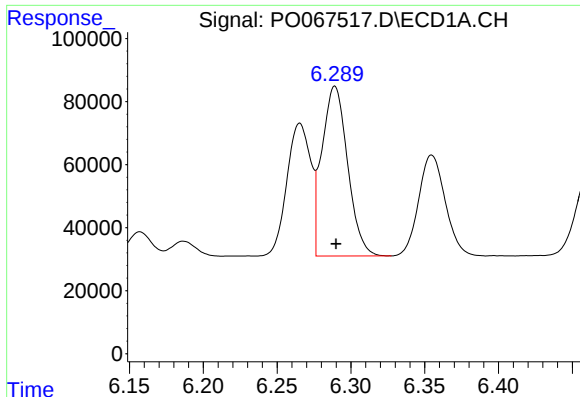
#16 AR-1242-1

R.T.: 6.265 min
Delta R.T.: 0.005 min
Response: 473154
Conc: 692.66 ng/ml



#16 AR-1242-1

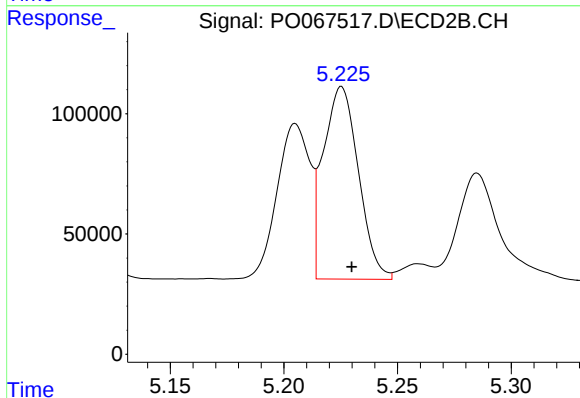
R.T.: 5.205 min
Delta R.T.: -0.004 min
Response: 646783
Conc: 554.11 ng/ml



#17 AR-1242-2

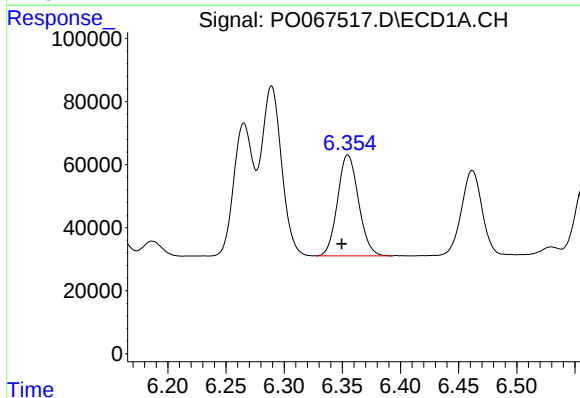
R.T.: 6.289 min
Delta R.T.: 0.000 min
Response: 652797
Conc: 702.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



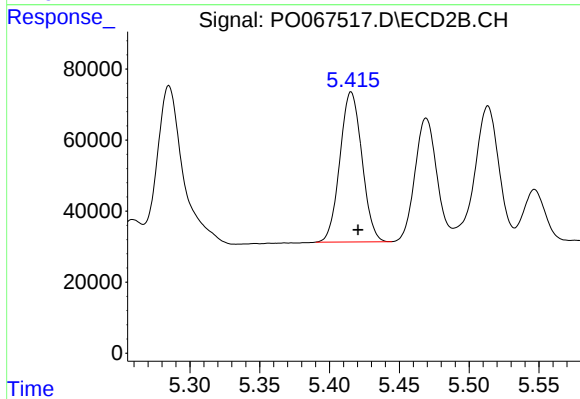
#17 AR-1242-2

R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 861719
Conc: 562.73 ng/ml



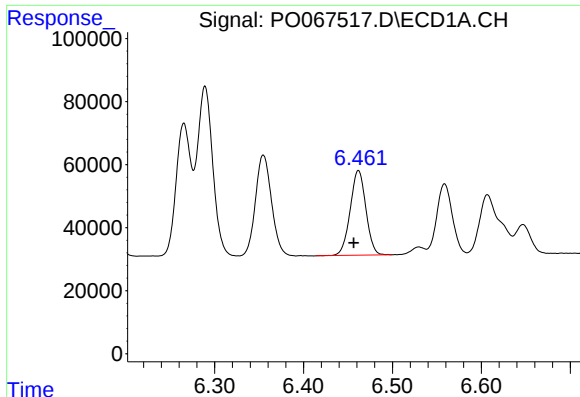
#18 AR-1242-3

R.T.: 6.355 min
Delta R.T.: 0.005 min
Response: 401967
Conc: 678.42 ng/ml



#18 AR-1242-3

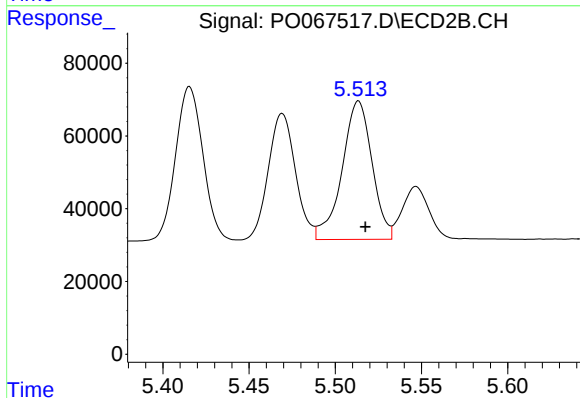
R.T.: 5.416 min
Delta R.T.: -0.005 min
Response: 463760
Conc: 549.67 ng/ml



#19 AR-1242-4

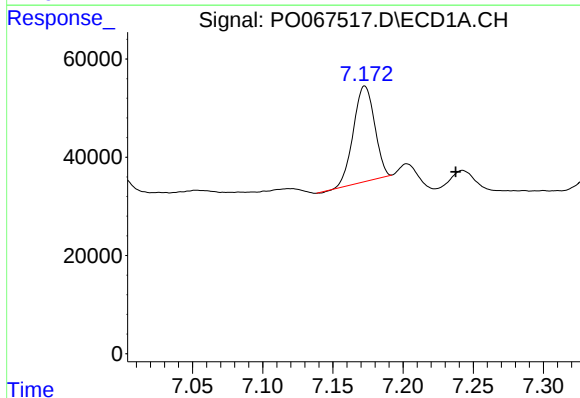
R.T.: 6.462 min
Delta R.T.: 0.005 min
Response: 329392
Conc: 689.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



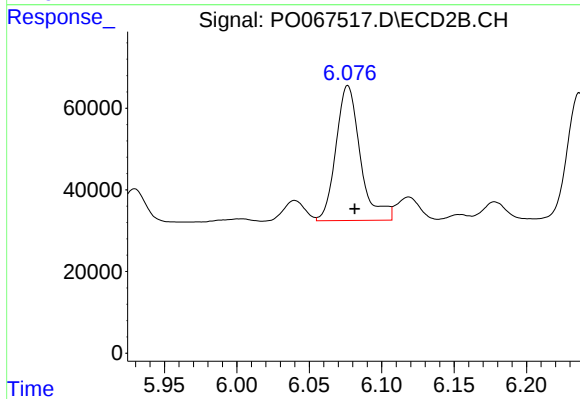
#19 AR-1242-4

R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 459821
Conc: 543.82 ng/ml



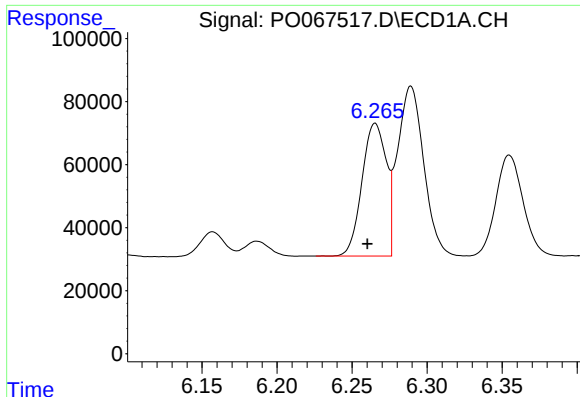
#20 AR-1242-5

R.T.: 7.173 min
Delta R.T.: -0.065 min
Response: 204276
Conc: 375.15 ng/ml



#20 AR-1242-5

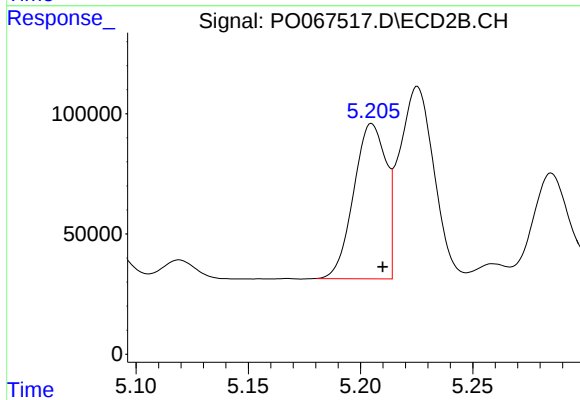
R.T.: 6.077 min
Delta R.T.: -0.005 min
Response: 387495
Conc: 362.35 ng/ml



#21 AR-1248-1

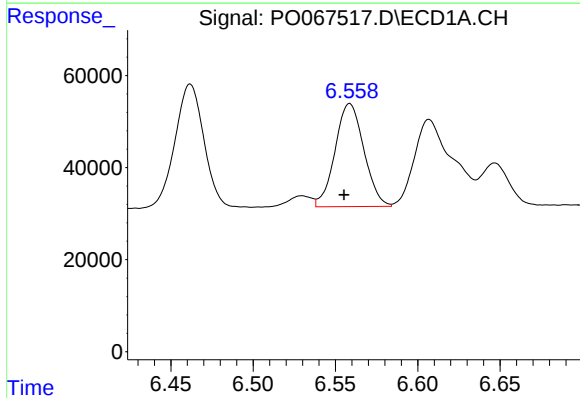
R.T.: 6.265 min
Delta R.T.: 0.005 min
Response: 473154
Conc: 1047.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



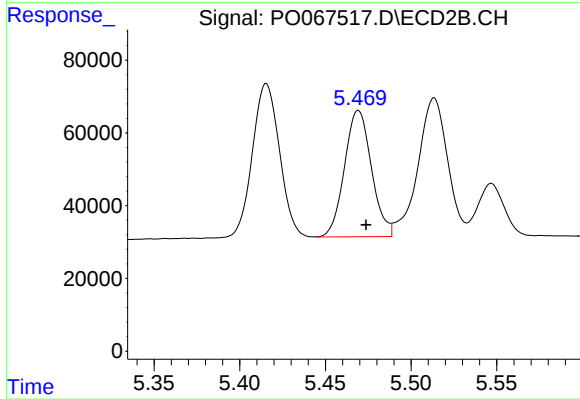
#21 AR-1248-1

R.T.: 5.205 min
Delta R.T.: -0.005 min
Response: 646783
Conc: 815.94 ng/ml



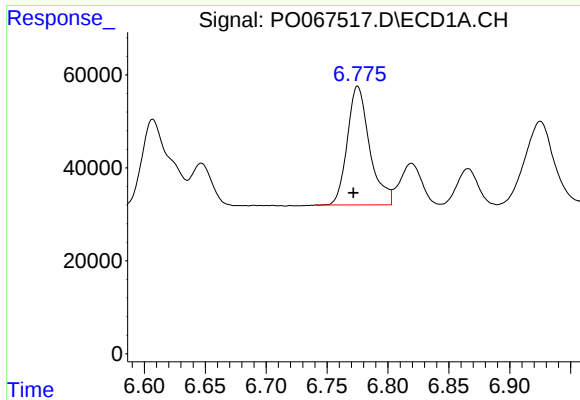
#22 AR-1248-2

R.T.: 6.559 min
Delta R.T.: 0.004 min
Response: 272743
Conc: 452.40 ng/ml



#22 AR-1248-2

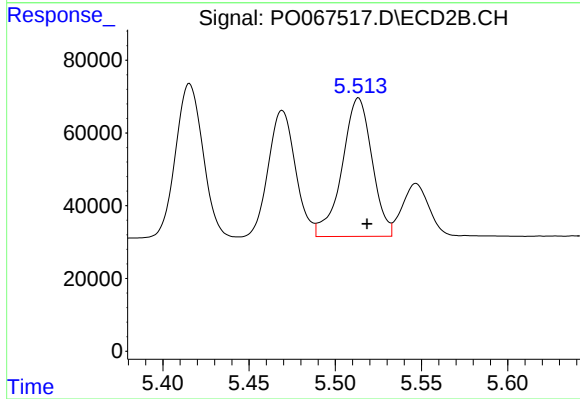
R.T.: 5.469 min
Delta R.T.: -0.005 min
Response: 380493
Conc: 368.79 ng/ml



#23 AR-1248-3

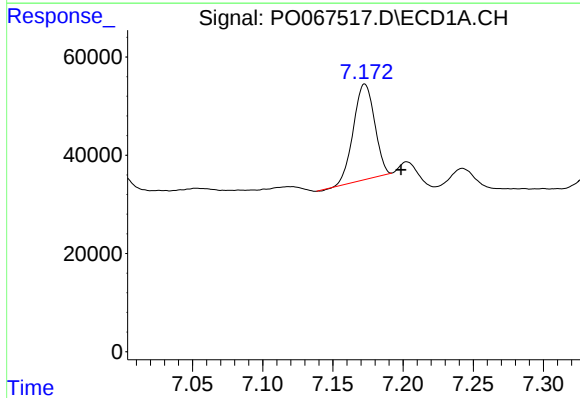
R.T.: 6.775 min
Delta R.T.: 0.004 min
Response: 325958
Conc: 461.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



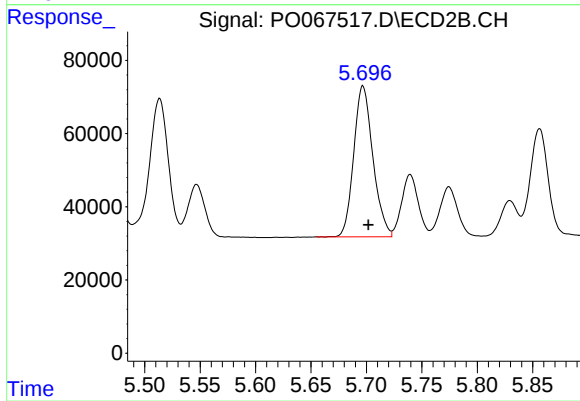
#23 AR-1248-3

R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 459821
Conc: 436.89 ng/ml



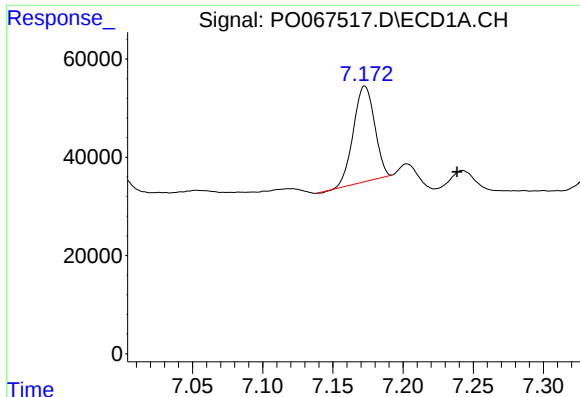
#24 AR-1248-4

R.T.: 7.173 min
Delta R.T.: -0.026 min
Response: 204276
Conc: 245.96 ng/ml



#24 AR-1248-4

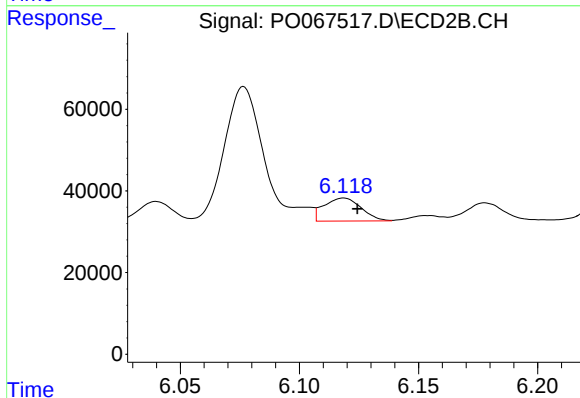
R.T.: 5.697 min
Delta R.T.: -0.005 min
Response: 495534
Conc: 391.83 ng/ml



#25 AR-1248-5

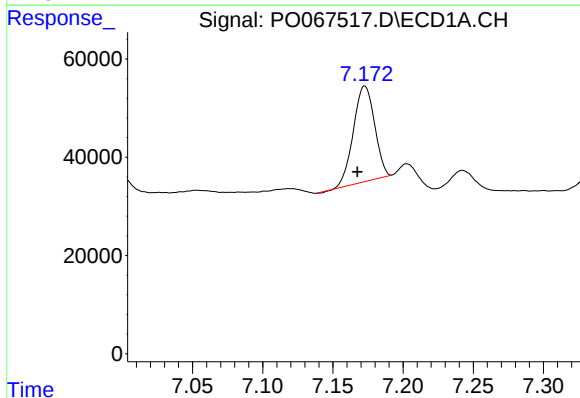
R.T.: 7.173 min
Delta R.T.: -0.066 min
Response: 204276
Conc: 257.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



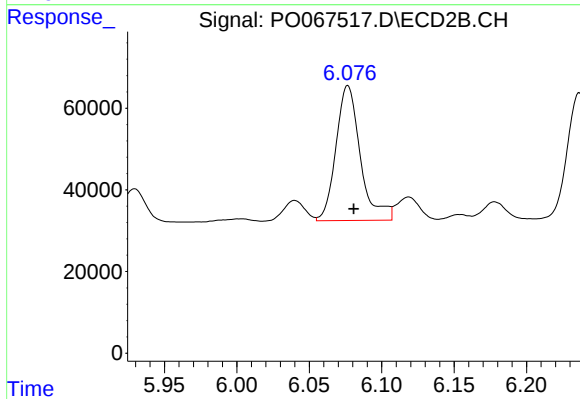
#25 AR-1248-5

R.T.: 6.119 min
Delta R.T.: -0.006 min
Response: 61394
Conc: 48.94 ng/ml



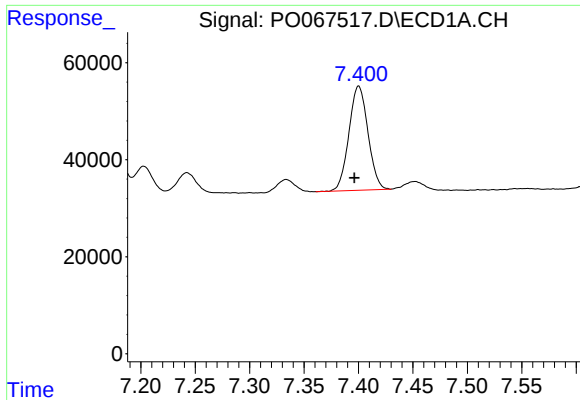
#26 AR-1254-1

R.T.: 7.173 min
Delta R.T.: 0.005 min
Response: 204276
Conc: 242.82 ng/ml



#26 AR-1254-1

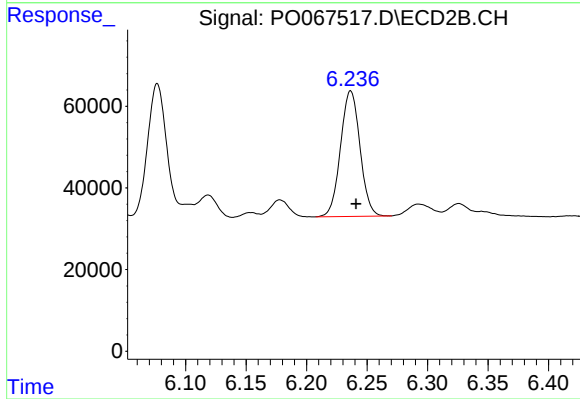
R.T.: 6.077 min
Delta R.T.: -0.004 min
Response: 387495
Conc: 199.02 ng/ml



#27 AR-1254-2

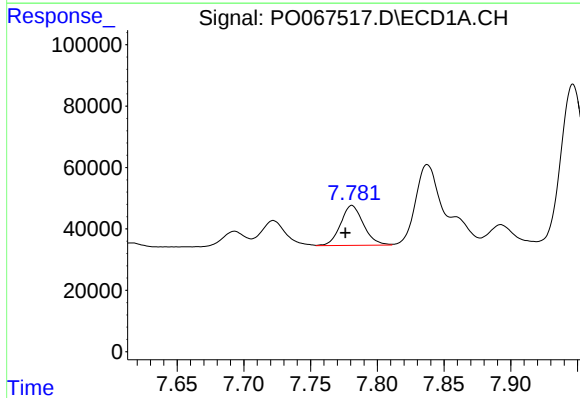
R.T.: 7.400 min
Delta R.T.: 0.004 min
Response: 261353
Conc: 194.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



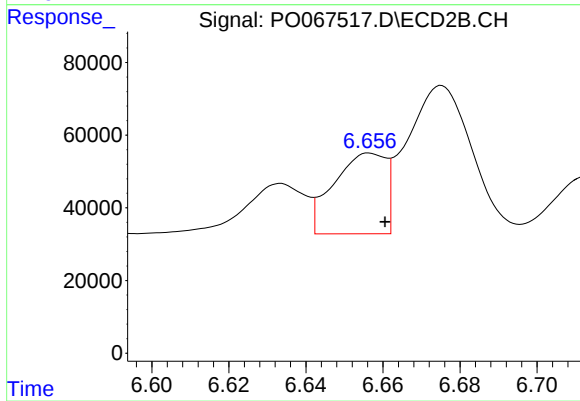
#27 AR-1254-2

R.T.: 6.237 min
Delta R.T.: -0.005 min
Response: 344732
Conc: 200.00 ng/ml



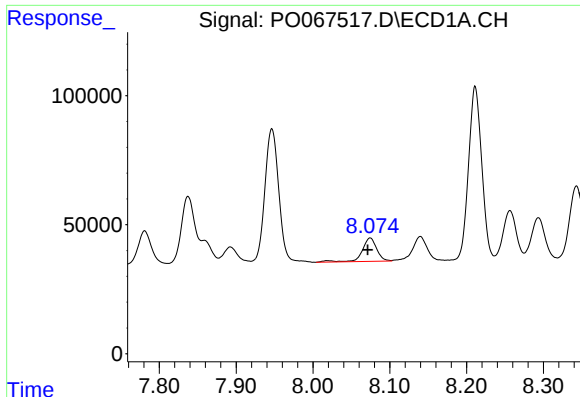
#28 AR-1254-3

R.T.: 7.781 min
Delta R.T.: 0.005 min
Response: 154894
Conc: 106.88 ng/ml



#28 AR-1254-3

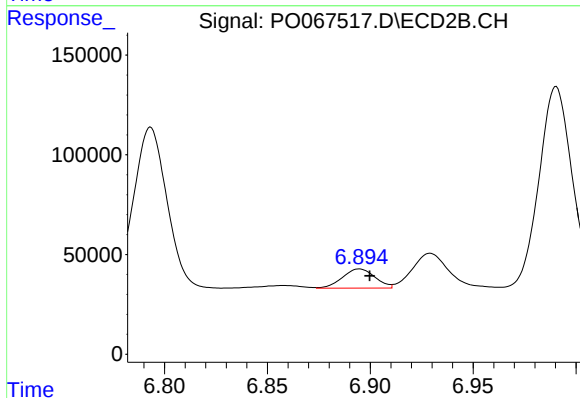
R.T.: 6.657 min
Delta R.T.: -0.004 min
Response: 208546
Conc: 74.36 ng/ml



#29 AR-1254-4

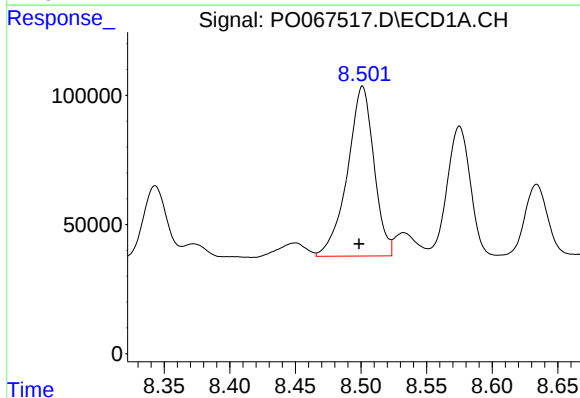
R.T.: 8.074 min
Delta R.T.: 0.003 min
Response: 120255
Conc: 106.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



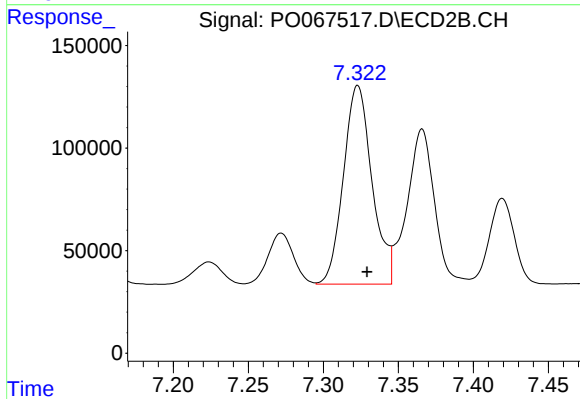
#29 AR-1254-4

R.T.: 6.895 min
Delta R.T.: -0.005 min
Response: 105085
Conc: 57.11 ng/ml



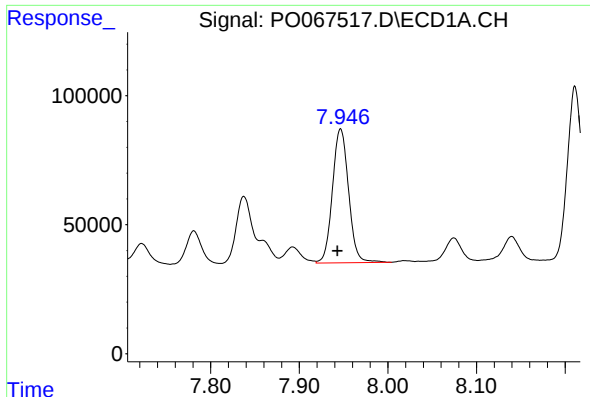
#30 AR-1254-5

R.T.: 8.501 min
Delta R.T.: 0.003 min
Response: 923319
Conc: 748.76 ng/ml



#30 AR-1254-5

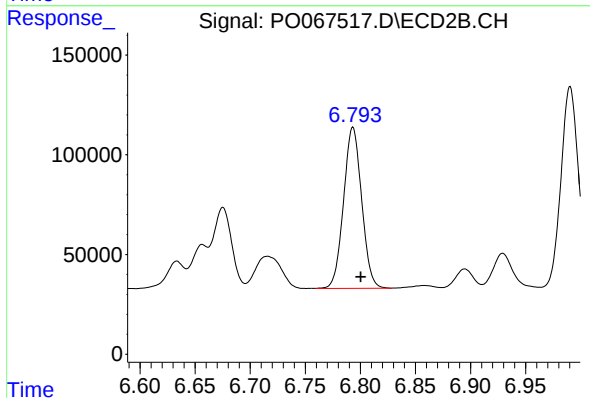
R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 1284233
Conc: 517.57 ng/ml



#31 AR-1260-1

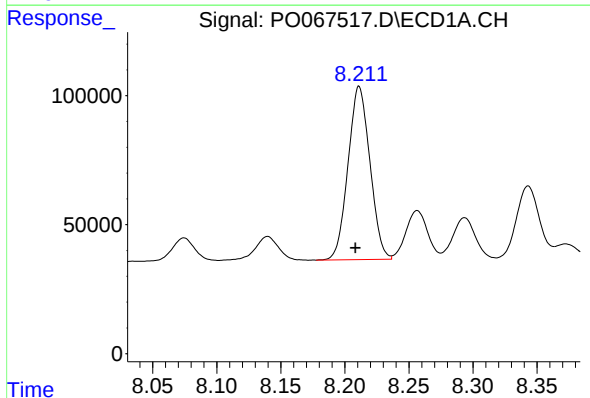
R.T.: 7.947 min
Delta R.T.: 0.003 min
Response: 655842
Conc: 540.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



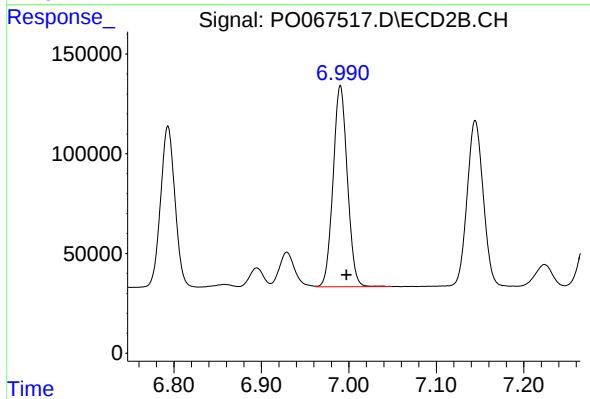
#31 AR-1260-1

R.T.: 6.793 min
Delta R.T.: -0.007 min
Response: 923251
Conc: 430.86 ng/ml



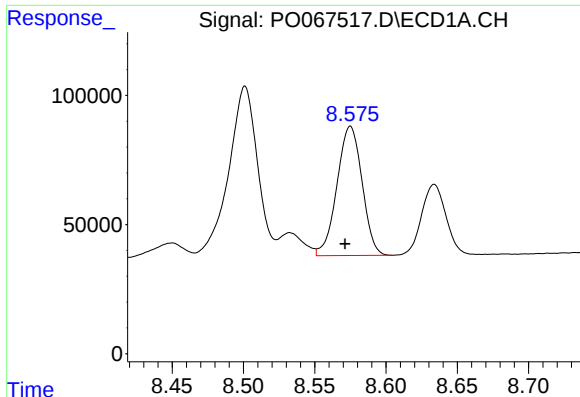
#32 AR-1260-2

R.T.: 8.211 min
Delta R.T.: 0.003 min
Response: 798971
Conc: 533.57 ng/ml



#32 AR-1260-2

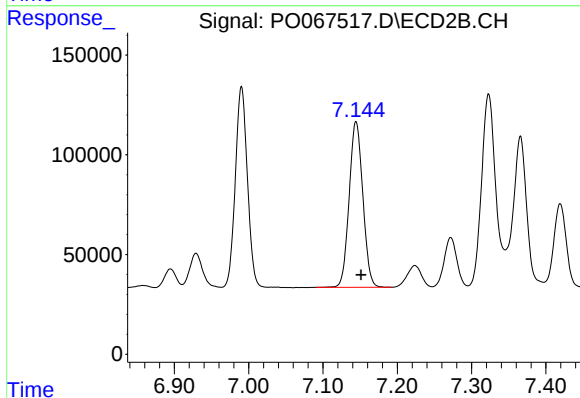
R.T.: 6.990 min
Delta R.T.: -0.007 min
Response: 1142000
Conc: 432.18 ng/ml



#33 AR-1260-3

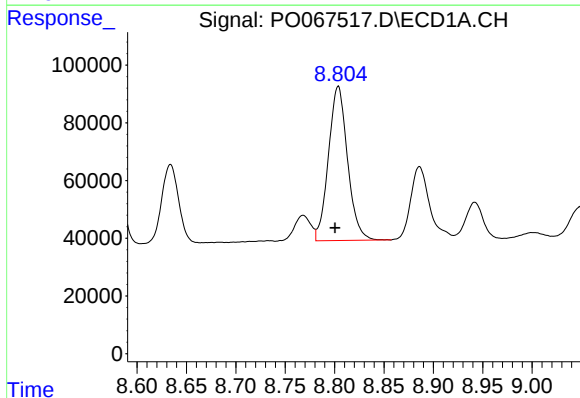
R.T.: 8.575 min
Delta R.T.: 0.004 min
Response: 612744
Conc: 531.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



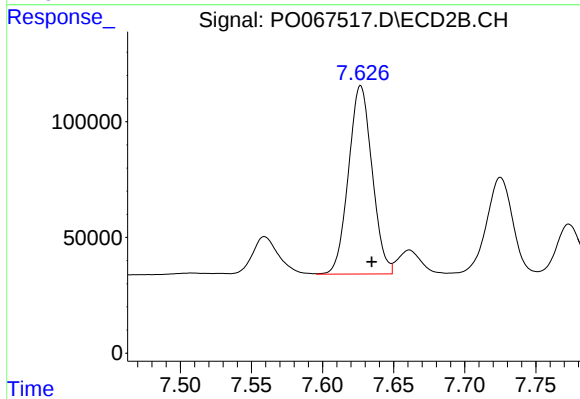
#33 AR-1260-3

R.T.: 7.145 min
Delta R.T.: -0.007 min
Response: 1061730
Conc: 435.06 ng/ml



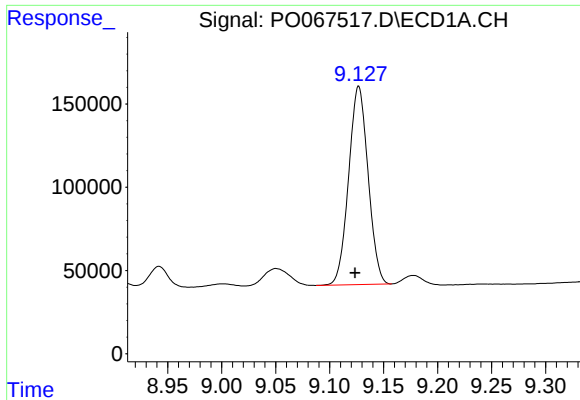
#34 AR-1260-4

R.T.: 8.804 min
Delta R.T.: 0.003 min
Response: 718999
Conc: 535.36 ng/ml



#34 AR-1260-4

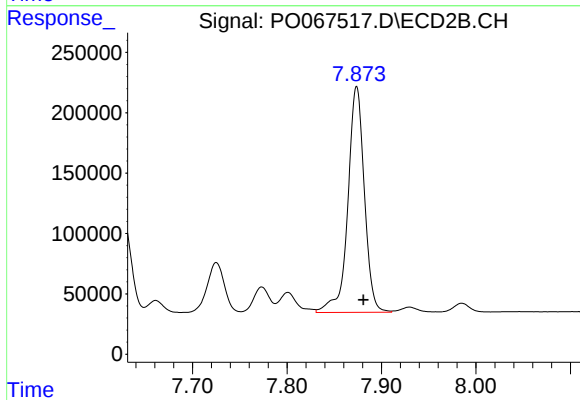
R.T.: 7.627 min
Delta R.T.: -0.008 min
Response: 941210
Conc: 443.42 ng/ml



#35 AR-1260-5

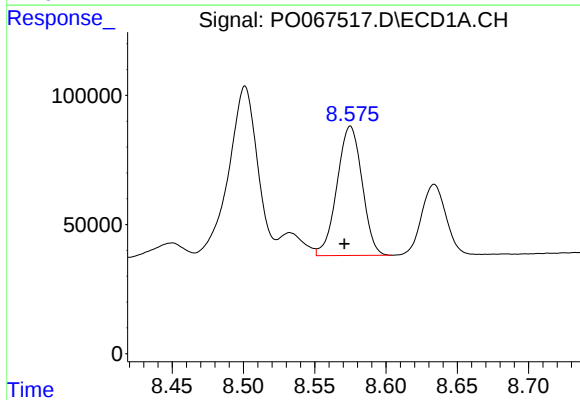
R.T.: 9.127 min
Delta R.T.: 0.003 min
Response: 1492082
Conc: 525.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



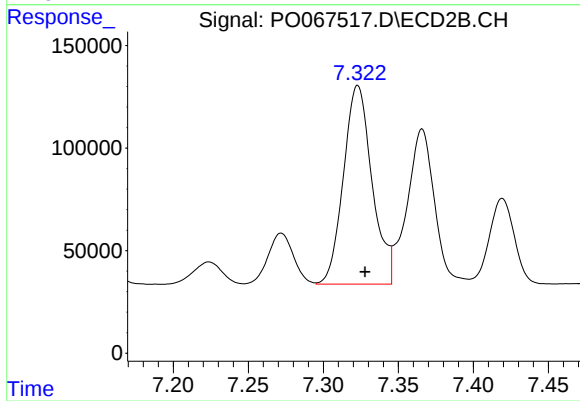
#35 AR-1260-5

R.T.: 7.874 min
Delta R.T.: -0.007 min
Response: 2271748
Conc: 455.68 ng/ml



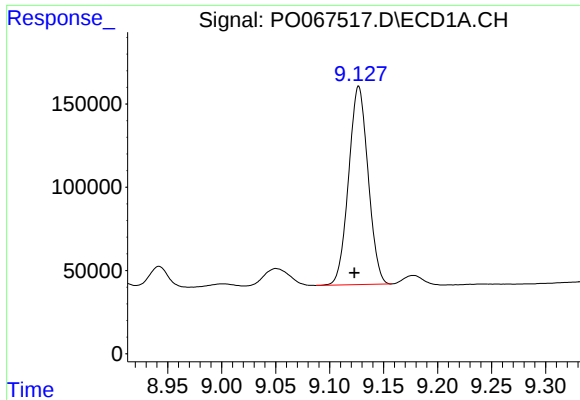
#36 AR-1262-1

R.T.: 8.575 min
Delta R.T.: 0.004 min
Response: 612744
Conc: 420.79 ng/ml



#36 AR-1262-1

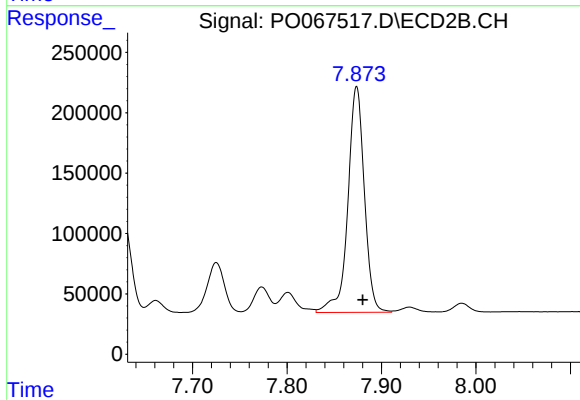
R.T.: 7.323 min
Delta R.T.: -0.005 min
Response: 1284233
Conc: 893.76 ng/ml



#37 AR-1262-2

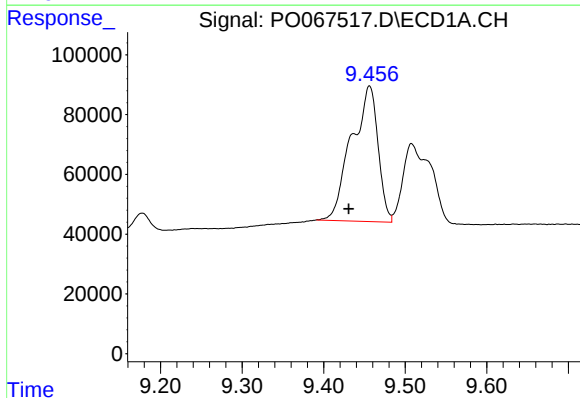
R.T.: 9.127 min
Delta R.T.: 0.004 min
Response: 1492082
Conc: 539.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



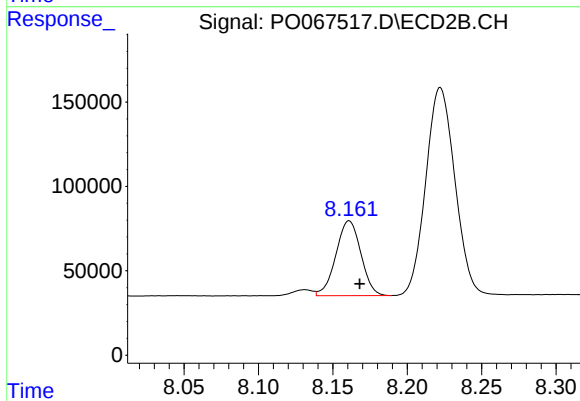
#37 AR-1262-2

R.T.: 7.874 min
Delta R.T.: -0.007 min
Response: 2271748
Conc: 492.14 ng/ml



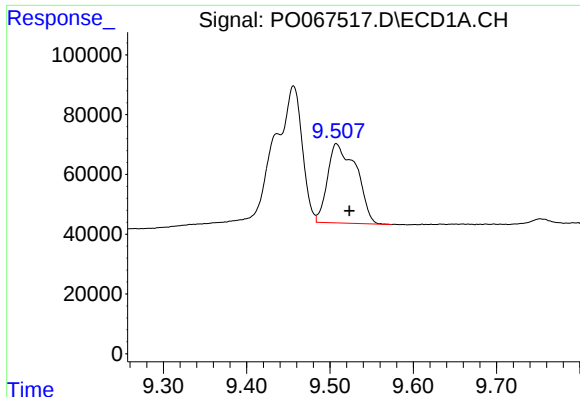
#38 AR-1262-3

R.T.: 9.456 min
Delta R.T.: 0.025 min
Response: 1025658
Conc: 527.65 ng/ml



#38 AR-1262-3

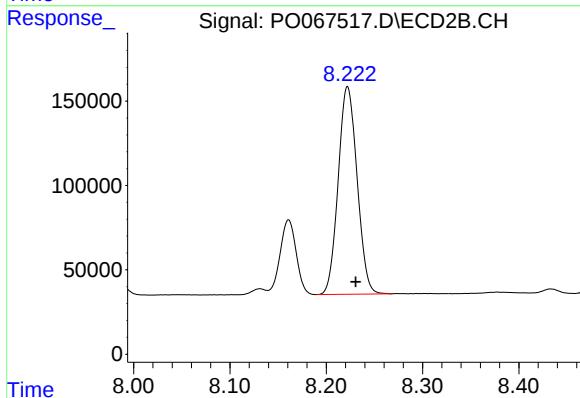
R.T.: 8.161 min
Delta R.T.: -0.007 min
Response: 517301
Conc: 259.10 ng/ml



#39 AR-1262-4

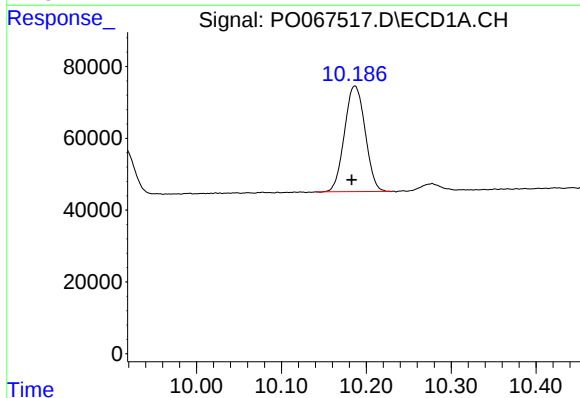
R.T.: 9.508 min
Delta R.T.: -0.016 min
Response: 635901
Conc: 434.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



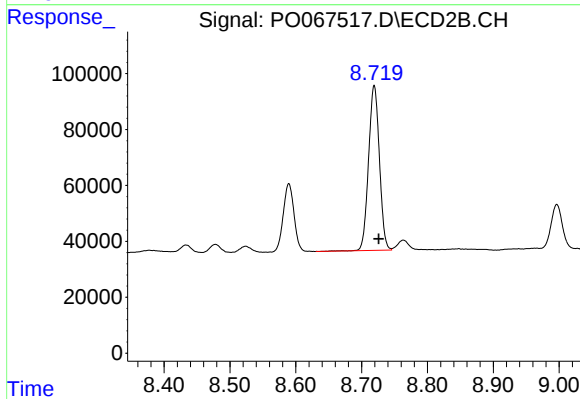
#39 AR-1262-4

R.T.: 8.222 min
Delta R.T.: -0.008 min
Response: 1673634
Conc: 476.95 ng/ml



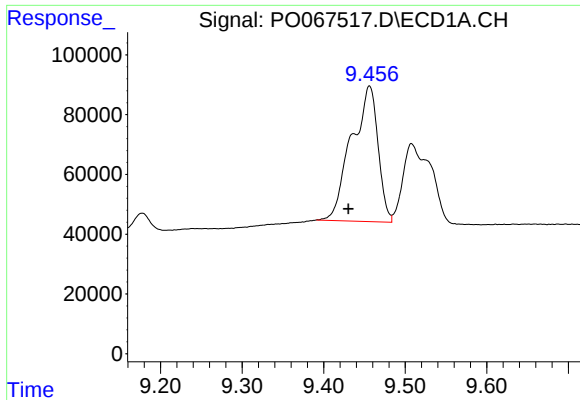
#40 AR-1262-5

R.T.: 10.187 min
Delta R.T.: 0.004 min
Response: 496690
Conc: 454.94 ng/ml



#40 AR-1262-5

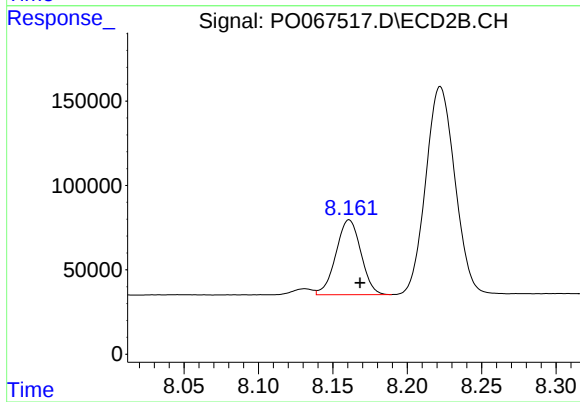
R.T.: 8.719 min
Delta R.T.: -0.007 min
Response: 674576
Conc: 397.08 ng/ml



#41 AR-1268-1

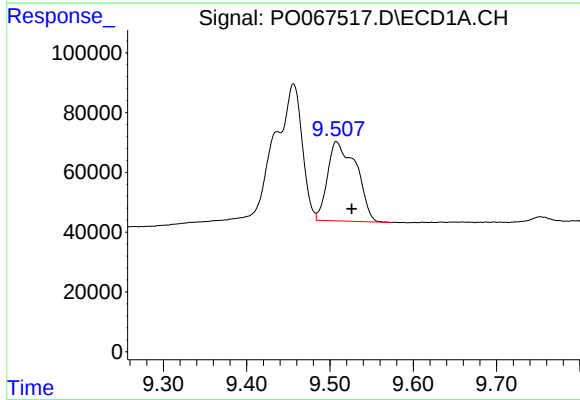
R.T.: 9.456 min
Delta R.T.: 0.026 min
Response: 1025658
Conc: 313.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



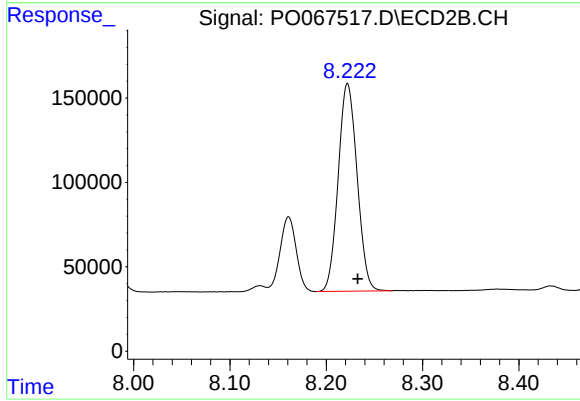
#41 AR-1268-1

R.T.: 8.161 min
Delta R.T.: -0.007 min
Response: 517301
Conc: 97.48 ng/ml



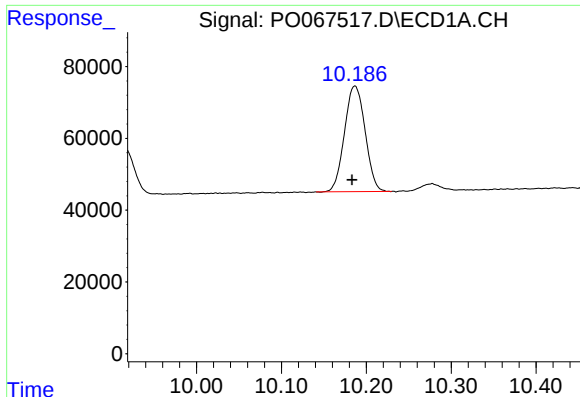
#42 AR-1268-2

R.T.: 9.508 min
Delta R.T.: -0.018 min
Response: 635901
Conc: 208.25 ng/ml



#42 AR-1268-2

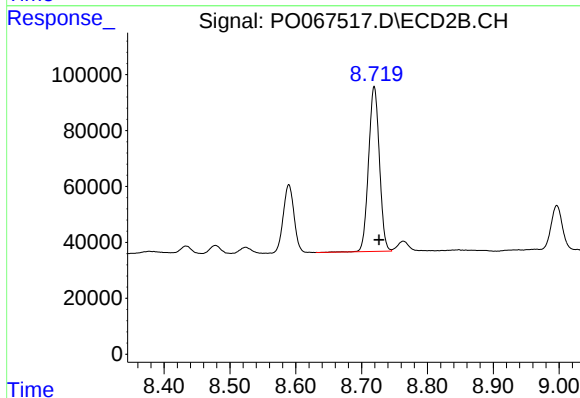
R.T.: 8.222 min
Delta R.T.: -0.010 min
Response: 1673634
Conc: 351.87 ng/ml



#44 AR-1268-4

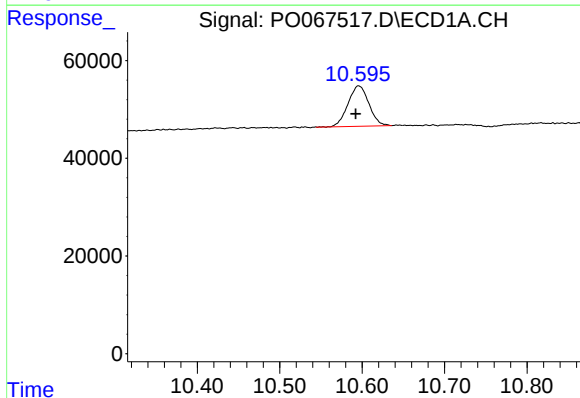
R.T.: 10.187 min
Delta R.T.: 0.003 min
Response: 496690
Conc: 409.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



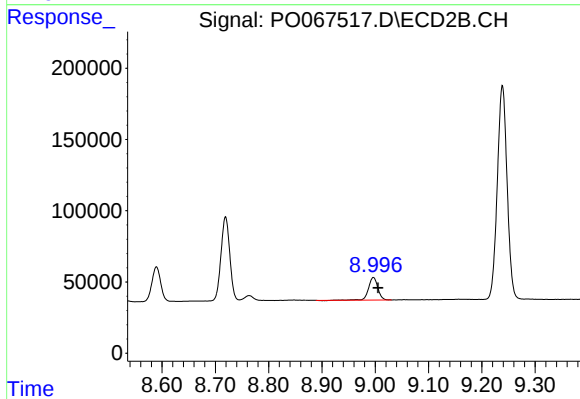
#44 AR-1268-4

R.T.: 8.719 min
Delta R.T.: -0.007 min
Response: 674576
Conc: 360.71 ng/ml



#45 AR-1268-5

R.T.: 10.596 min
Delta R.T.: 0.004 min
Response: 145296
Conc: 16.27 ng/ml



#45 AR-1268-5

R.T.: 8.997 min
Delta R.T.: -0.009 min
Response: 193250
Conc: 16.00 ng/ml