

Data Path : P:\HPCHEM1\FID D\Data\FD012618\
 Data File : FD019233.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2018 19:11
 Operator : UA/AJ
 Sample : #4 FUEL OIL STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 06:00:19 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:27:29 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.367	564650	6.978 ug/ml
Spiked Amount 50.000		Recovery =	13.96%
6) S 2-Fluorobiphenyl (SURR)	8.252	324281	5.929 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.86%
11) S ortho-Terphenyl (SURR)	11.241	1052372	10.637 ug/ml
Spiked Amount 50.000		Recovery =	21.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.181	202653	2.289 ug/ml
2) T Naphthalene (C11.7)	5.718	706489	7.910 ug/ml
3) T 2-Methylnaphthalene (...)	6.758	2683741	29.232 ug/ml
5) T Acenaphthylene (C15.06)	8.018	1964120	20.714 ug/ml
7) T Acenaphthene (C15.5)	8.293	907074	9.298 ug/ml
8) T Fluorene (C16.55)	9.112	2036099	21.426 ug/ml
9) T Phenanthrene (C19.36)	10.499	1332770	13.406 ug/ml
10) T Anthracene (C19.43)	10.583	1218704	12.532 ug/ml
12) T Fluoranthene (C21.85)	12.308	395989	3.735 ug/ml
13) T Pyrene (C20.8)	12.606	305822	2.887 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.538f	234213	2.238 ug/ml
15) T Chrysene (C27.41)	14.538	234213	2.167 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.032	75116	0.698 ug/ml
17) T Bnezo[<i>k</i>]fluoranthene ...	16.032	75116	0.663 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.798	57643	0.583 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.798	57643	0.503 ug/ml

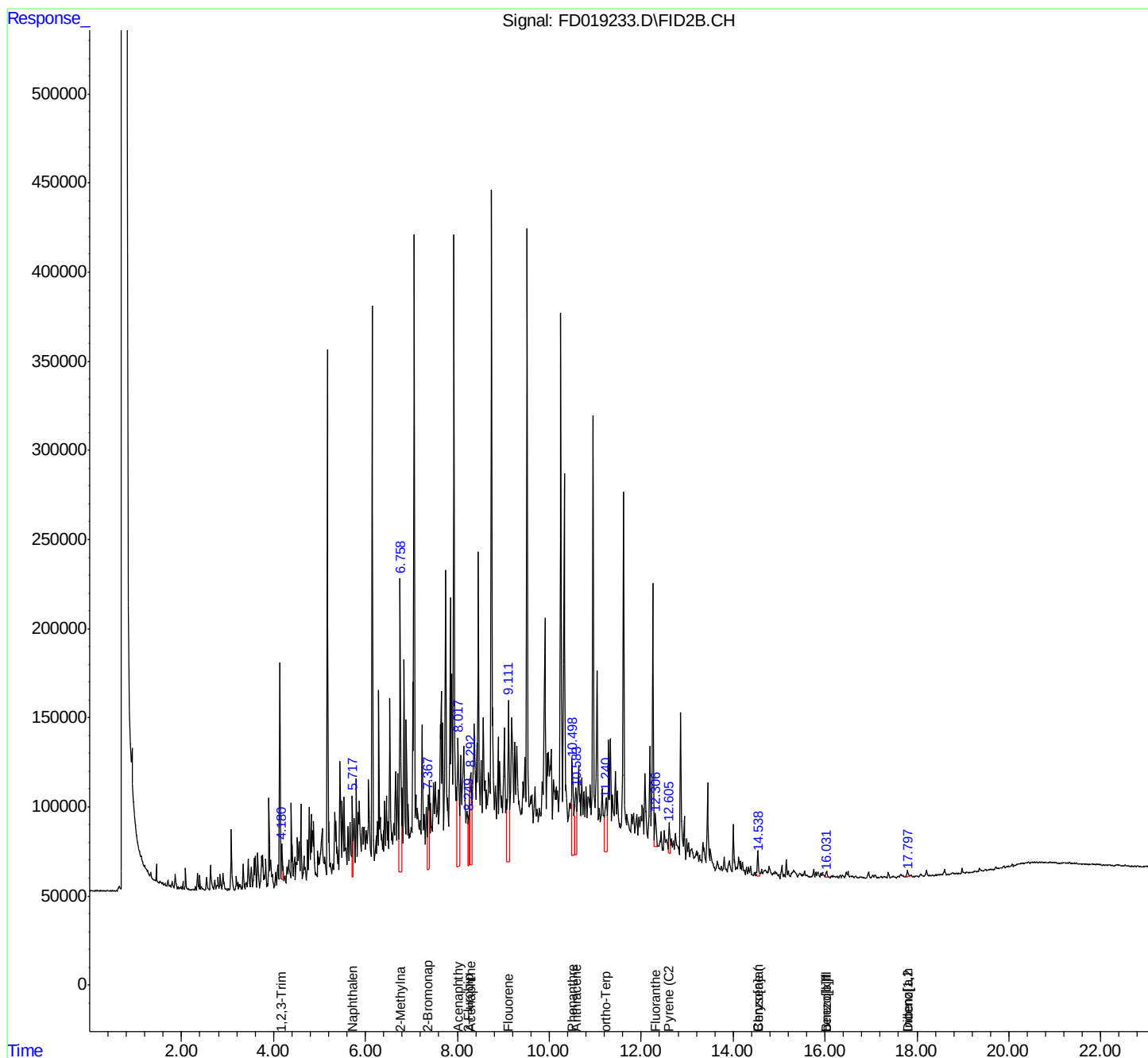
(f)=RT Delta > 1/2 Window

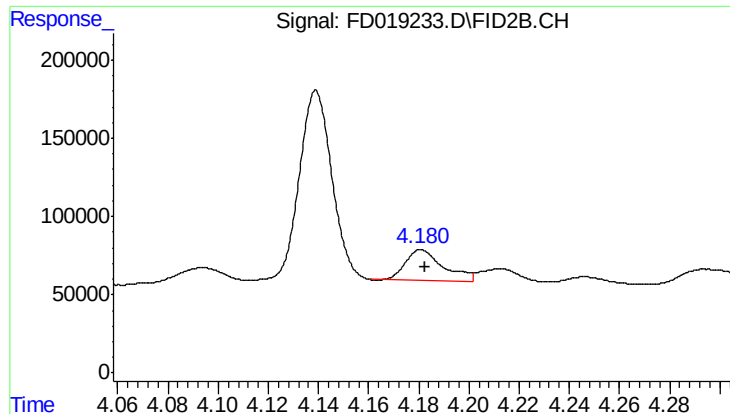
(m)=manual int.

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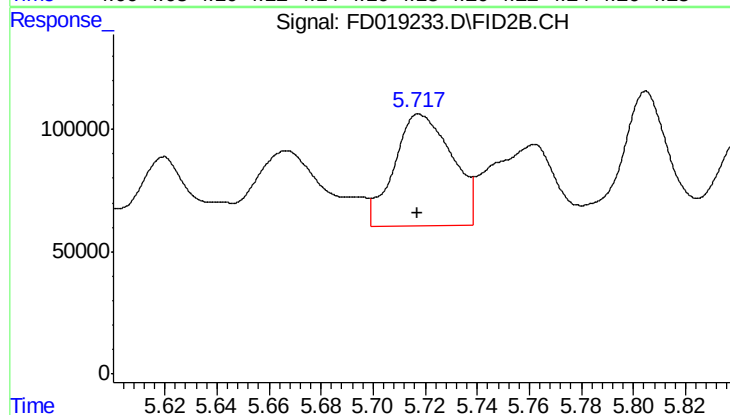
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





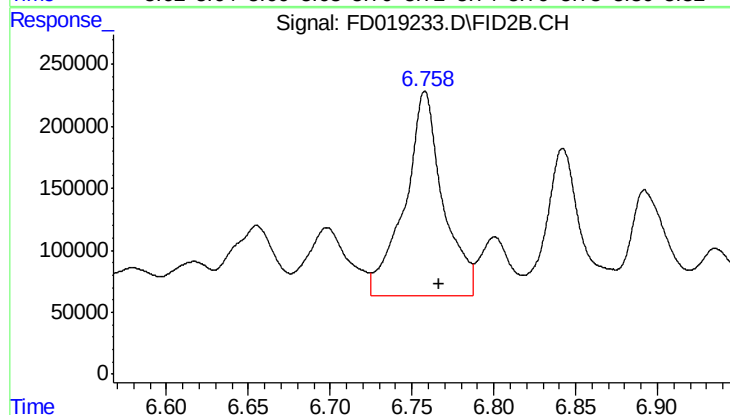
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 202653
Conc: 2.29 ug/ml



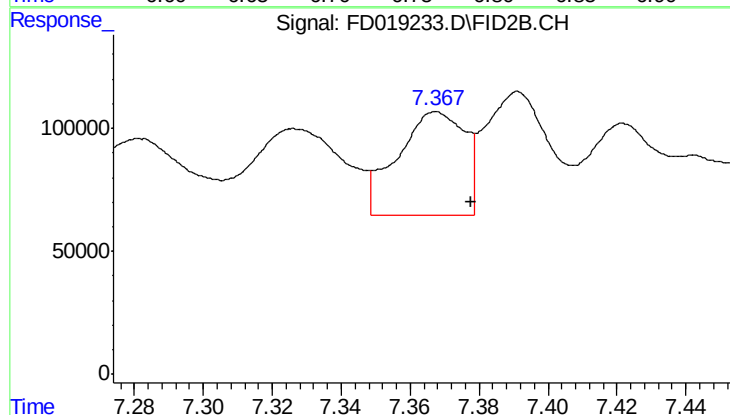
#2 Naphthalene (C11.7)

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 706489
Conc: 7.91 ug/ml



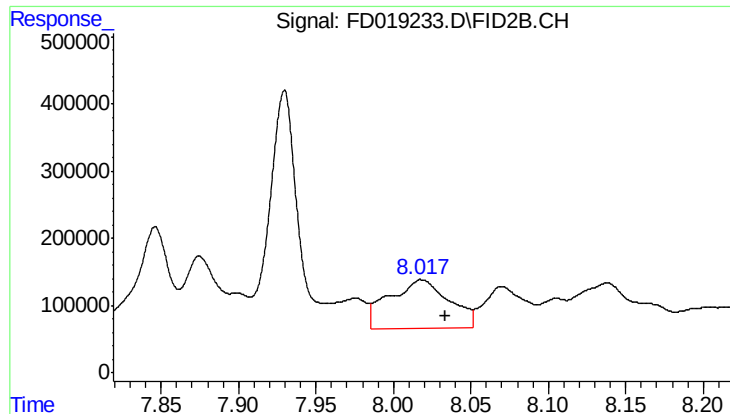
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 2683741
Conc: 29.23 ug/ml



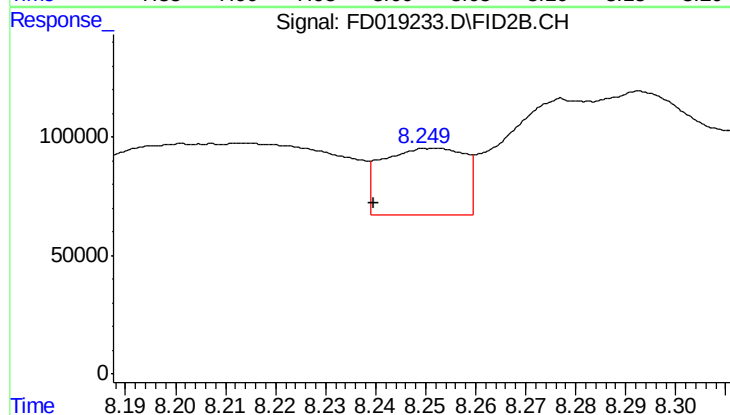
#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: -0.010 min
Response: 564650
Conc: 6.98 ug/ml



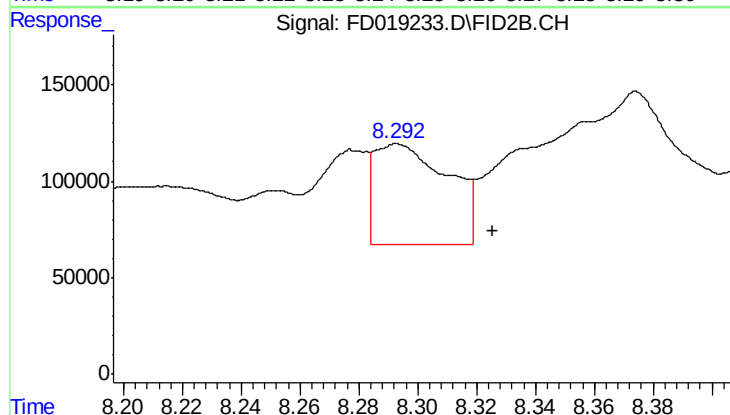
#5 Acenaphthylene (C15.06)

R.T.: 8.018 min
Delta R.T.: -0.016 min
Response: 1964120
Conc: 20.71 ug/ml



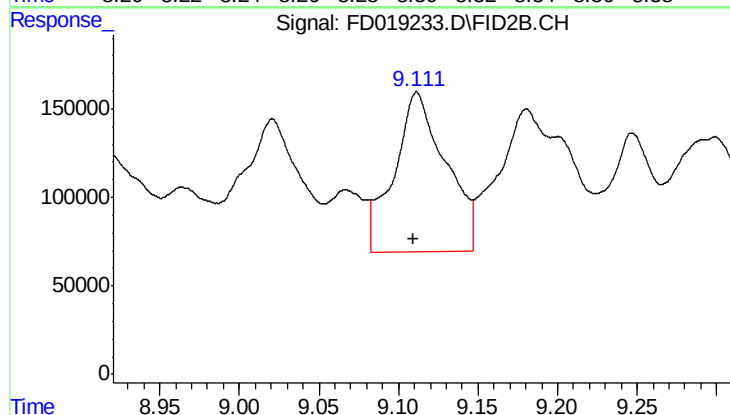
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.252 min
Delta R.T.: 0.012 min
Response: 324281
Conc: 5.93 ug/ml



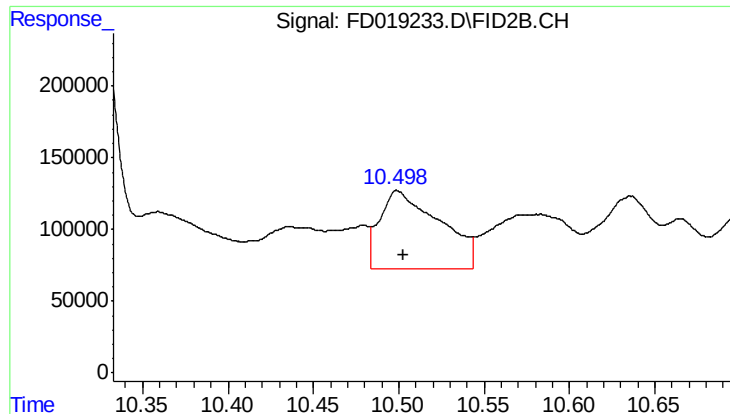
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: -0.033 min
Response: 907074
Conc: 9.30 ug/ml



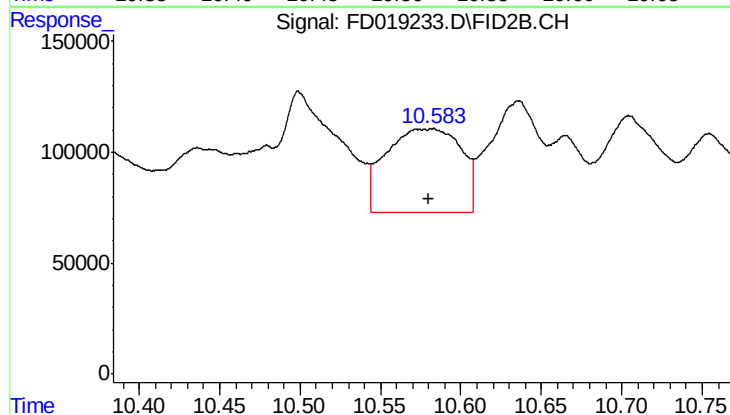
#8 Fluorene (C16.55)

R.T.: 9.112 min
Delta R.T.: 0.002 min
Response: 2036099
Conc: 21.43 ug/ml



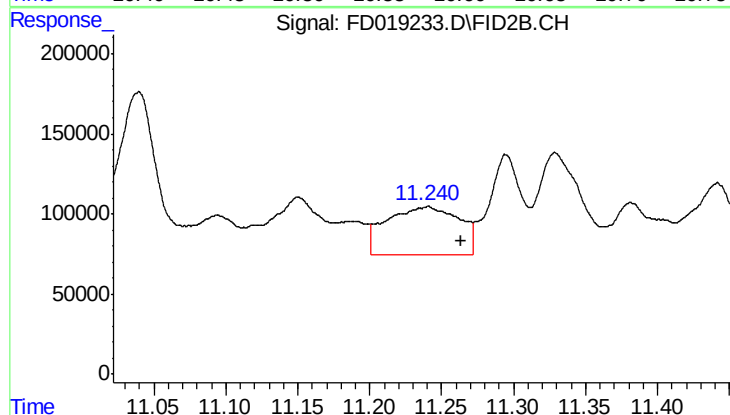
#9 Phenanthrene (C19.36)

R.T.: 10.499 min
Delta R.T.: -0.004 min
Response: 1332770
Conc: 13.41 ug/ml



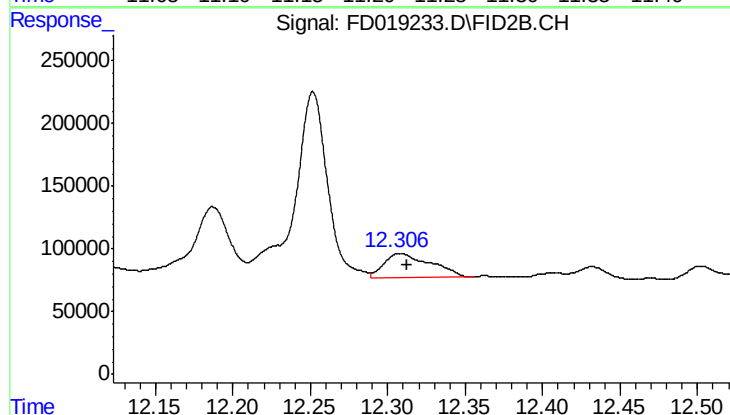
#10 Anthracene (C19.43)

R.T.: 10.583 min
Delta R.T.: 0.002 min
Response: 1218704
Conc: 12.53 ug/ml



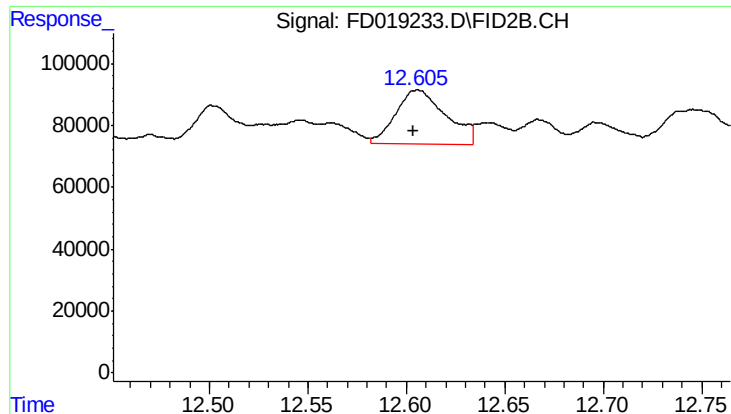
#11 ortho-Terphenyl (SURR)

R.T.: 11.241 min
Delta R.T.: -0.023 min
Response: 1052372
Conc: 10.64 ug/ml



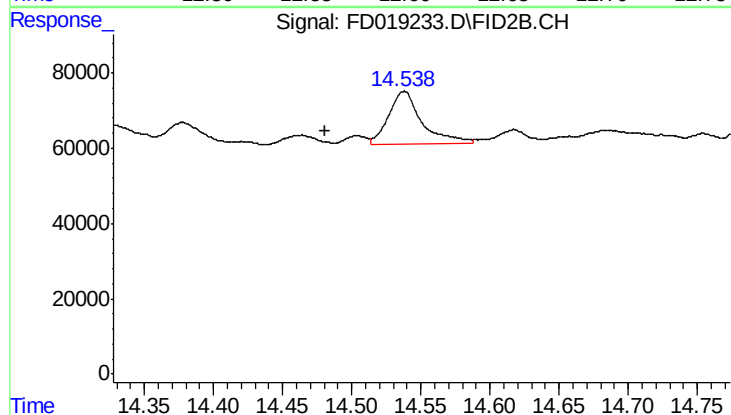
#12 Fluoranthene (C21.85)

R.T.: 12.308 min
Delta R.T.: -0.005 min
Response: 395989
Conc: 3.74 ug/ml



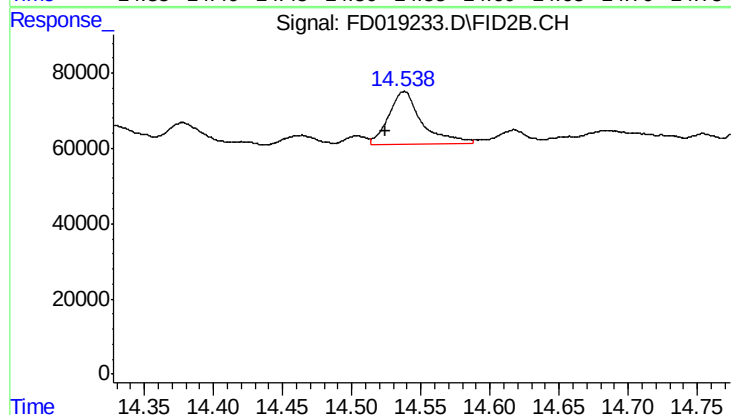
#13 Pyrene (C20.8)

R.T.: 12.606 min
Delta R.T.: 0.002 min
Response: 305822
Conc: 2.89 ug/ml



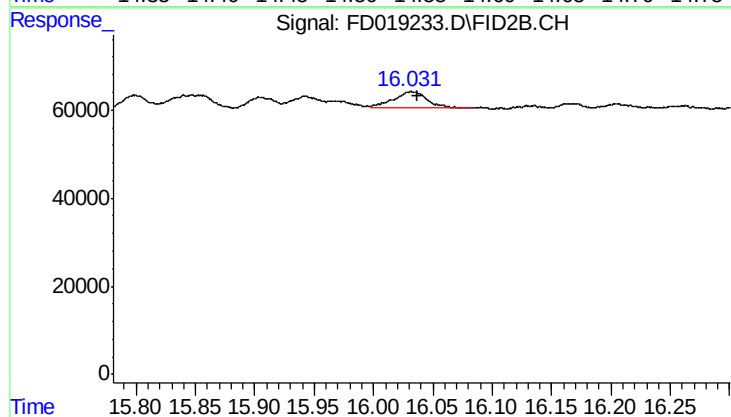
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.538 min
Delta R.T.: 0.057 min
Response: 234213
Conc: 2.24 ug/ml



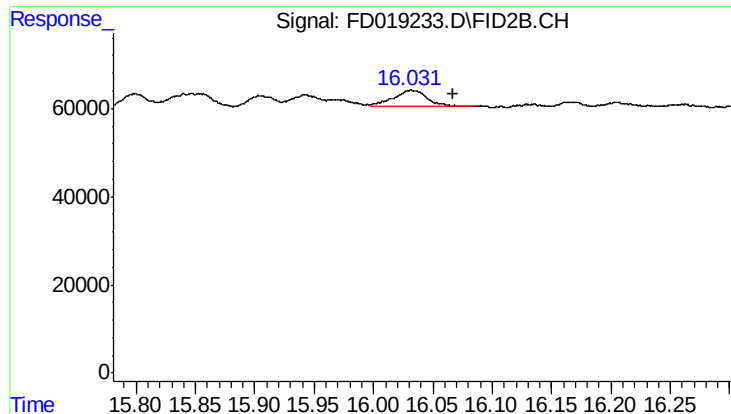
#15 Chrysene (C27.41)

R.T.: 14.538 min
Delta R.T.: 0.014 min
Response: 234213
Conc: 2.17 ug/ml



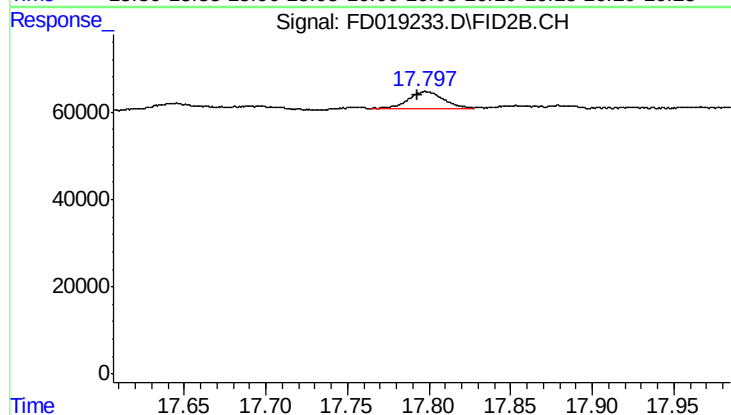
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.032 min
Delta R.T.: -0.005 min
Response: 75116
Conc: 0.70 ug/ml



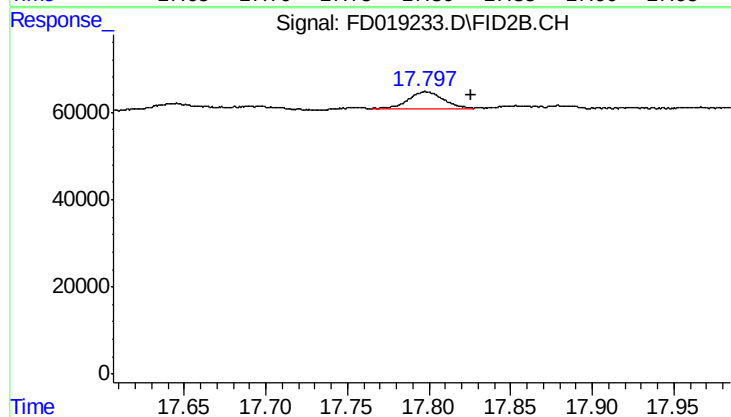
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.032 min
Delta R.T.: -0.036 min
Response: 75116
Conc: 0.66 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min
Delta R.T.: 0.005 min
Response: 57643
Conc: 0.58 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.798 min
Delta R.T.: -0.028 min
Response: 57643
Conc: 0.50 ug/ml