

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090418AR\
 Data File : FD025540.D
 Signal(s) : FID2B.CH
 Acq On : 04 Sep 2018 13:52
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 05 04:39:41 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 14:40:04 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...	7.435	1591204	19.738 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
6) S 2-Fluorobiphenyl (SURR)	8.287	1092507	19.240 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.48%
11) S ortho-Terphenyl (SURR)	11.331	1736915	18.529 ug/ml
Spiked Amount 50.000		Recovery =	37.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	1672990	21.292 ug/ml
2) T Naphthalene (C11.7)	5.770	1800530	20.586 ug/ml
3) T 2-Methylnaphthalene (...)	6.821	1783316	20.113 ug/ml
5) T Acenaphthylene (C15.06)	8.092	1730088	19.408 ug/ml
7) T Acenaphthene (C15.5)	8.387	1806171	19.310 ug/ml
8) T Flouorene (C16.55)	9.165	1784352	18.647 ug/ml
9) T Phenanthrene (C19.36)	10.556	1771847	18.346 ug/ml
10) T Anthracene (C19.43)	10.630	1733532	18.268 ug/ml
12) T Fluoranthene (C21.85)	12.362	1796426	18.726 ug/ml
13) T Pyrene (C20.8)	12.657	1813303	18.951 ug/ml
14) T Benzo[a]anthracene (C...	14.525	1856293	20.742 ug/ml
15) T Chrysene (C27.41)	14.567	1870457	20.849 ug/ml
16) T benzo[b]fluoranthene ...	16.071	1969080	20.605 ug/ml
17) T Bnezo[k]fluoranthene ...	16.103	1973928	20.384 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.446	1967805	20.226 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807	1939264	18.917 ug/ml
20) T Dibenz[a,h]anthracene...	17.850	1901011	18.871 ug/ml
21) T Benzo[g,h,i]perylene ...	18.060	1979727	19.136 ug/ml

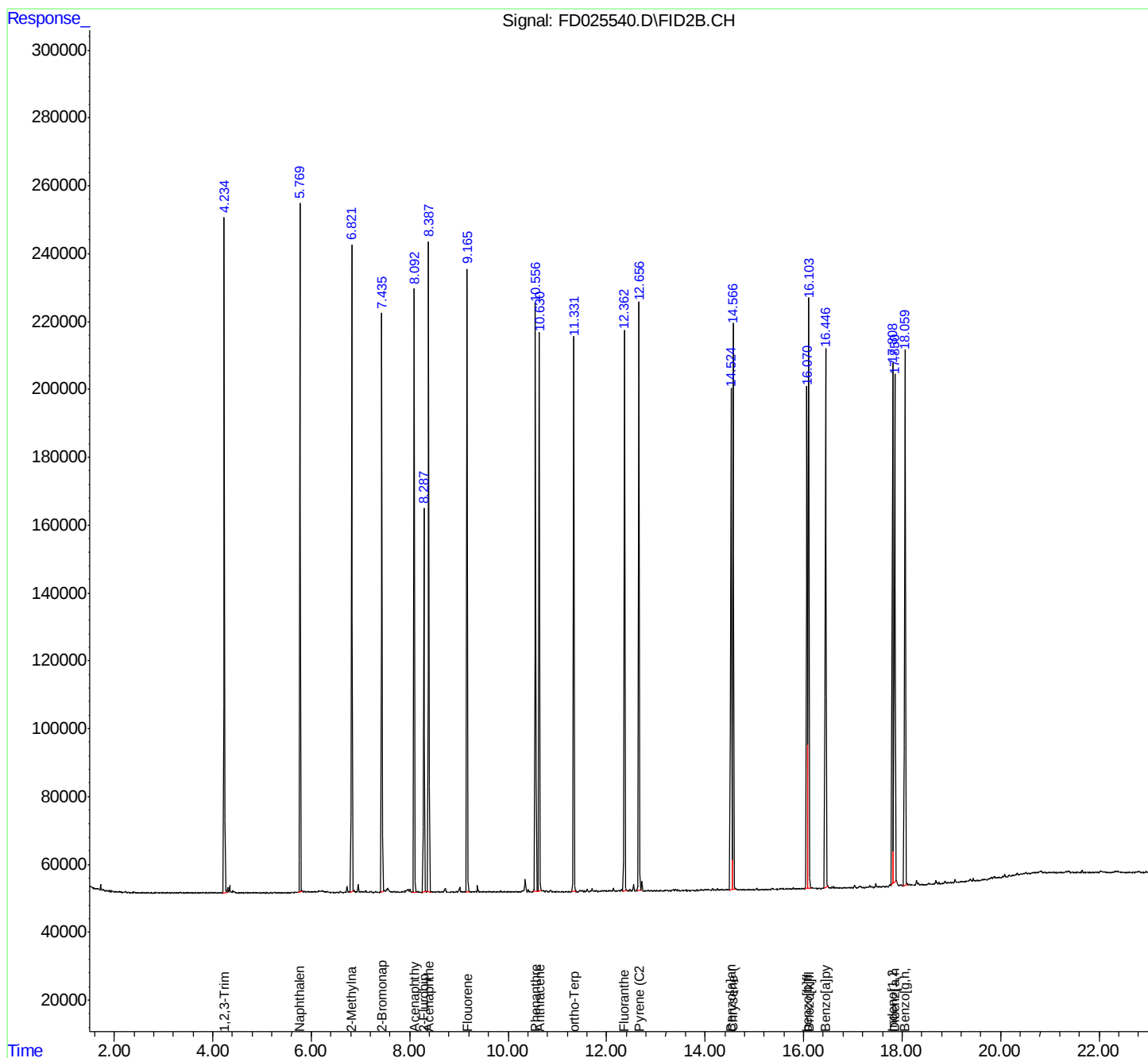
(f)=RT Delta > 1/2 Window

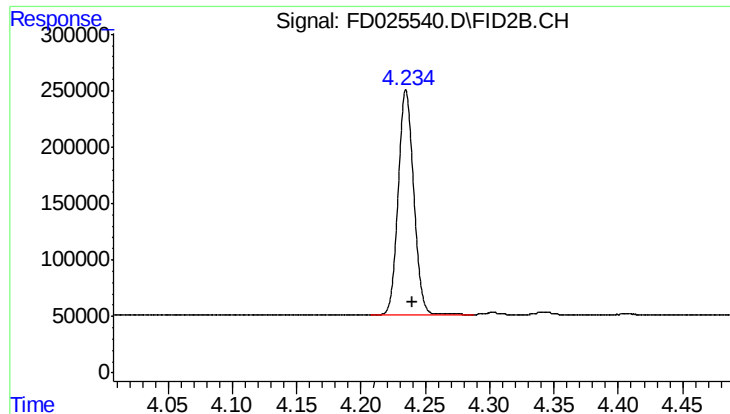
(m)=manual int.

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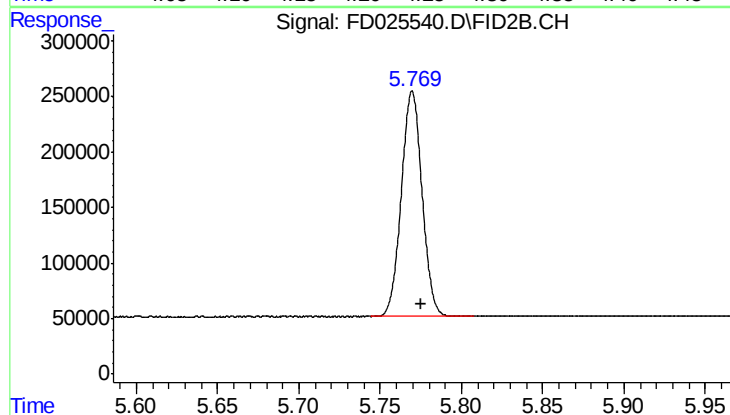
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Signal Info : 20M x 0.18mm x 0.18µm





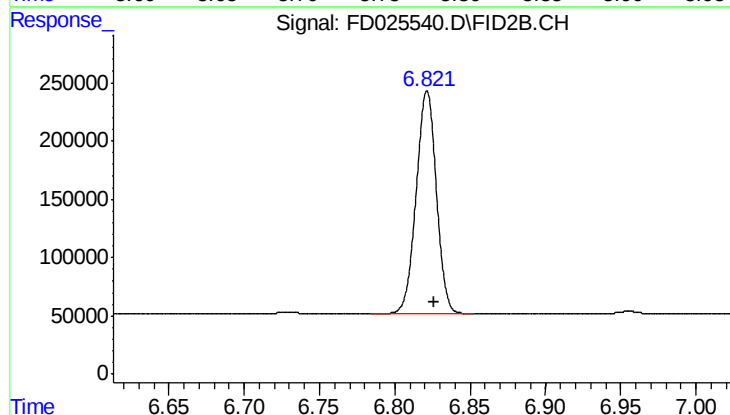
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.235 min
Delta R.T.: -0.005 min
Response: 1672990
Conc: 21.29 ug/ml



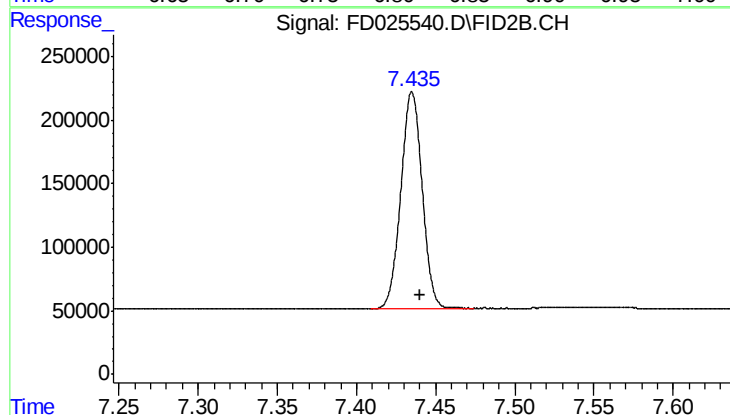
#2 Naphthalene (C11.7)

R.T.: 5.770 min
Delta R.T.: -0.005 min
Response: 1800530
Conc: 20.59 ug/ml



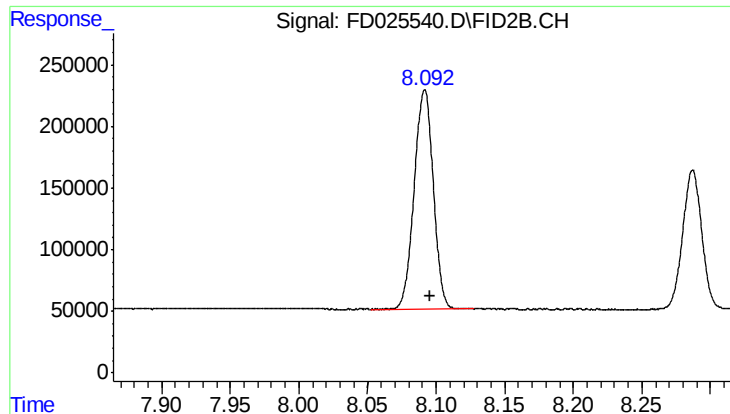
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.821 min
Delta R.T.: -0.005 min
Response: 1783316
Conc: 20.11 ug/ml



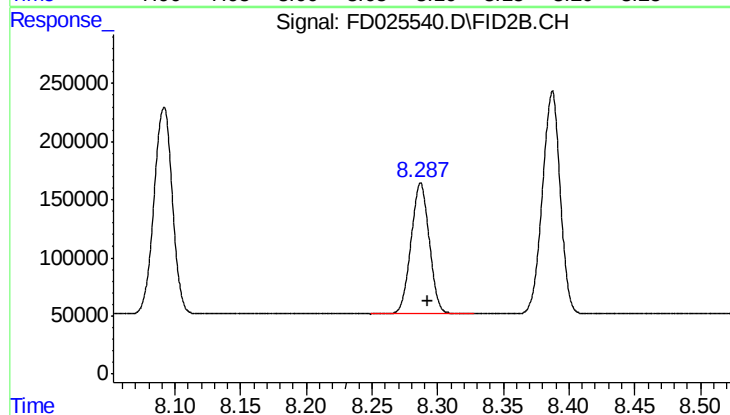
#4 2-Bromonaphthalene (SURR)

R.T.: 7.435 min
Delta R.T.: -0.005 min
Response: 1591204
Conc: 19.74 ug/ml



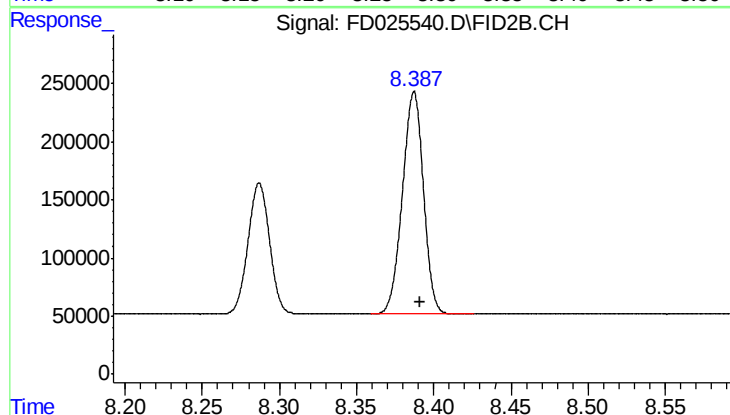
#5 Acenaphthylene (C15.06)

R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 1730088
Conc: 19.41 ug/ml



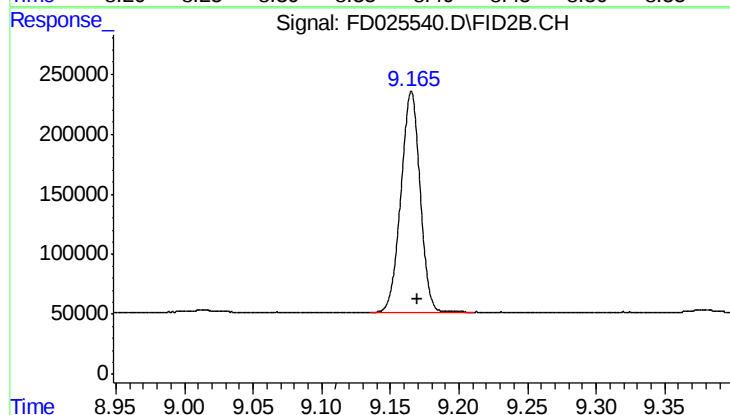
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.287 min
Delta R.T.: -0.005 min
Response: 1092507
Conc: 19.24 ug/ml



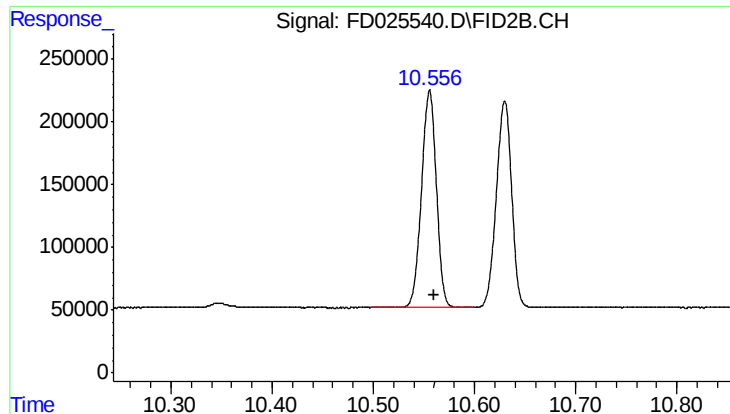
#7 Acenaphthene (C15.5)

R.T.: 8.387 min
Delta R.T.: -0.003 min
Response: 1806171
Conc: 19.31 ug/ml



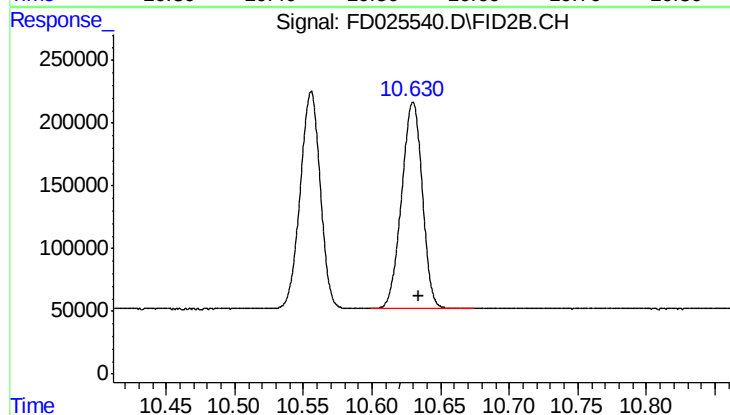
#8 Fluorene (C16.55)

R.T.: 9.165 min
Delta R.T.: -0.004 min
Response: 1784352
Conc: 18.65 ug/ml



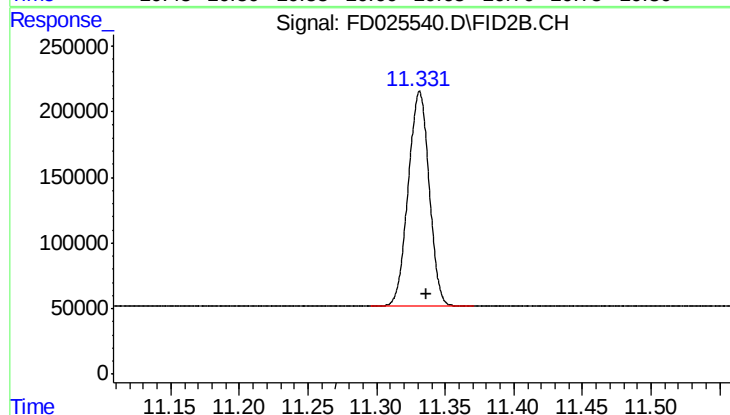
#9 Phenanthrene (C19.36)

R.T.: 10.556 min
Delta R.T.: -0.004 min
Response: 1771847
Conc: 18.35 ug/ml



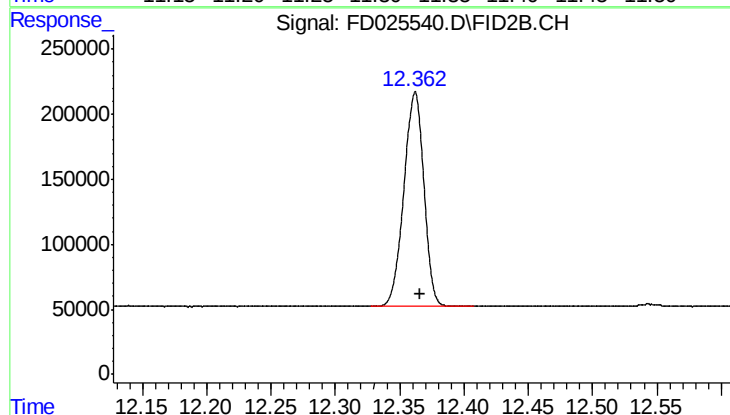
#10 Anthracene (C19.43)

R.T.: 10.630 min
Delta R.T.: -0.004 min
Response: 1733532
Conc: 18.27 ug/ml



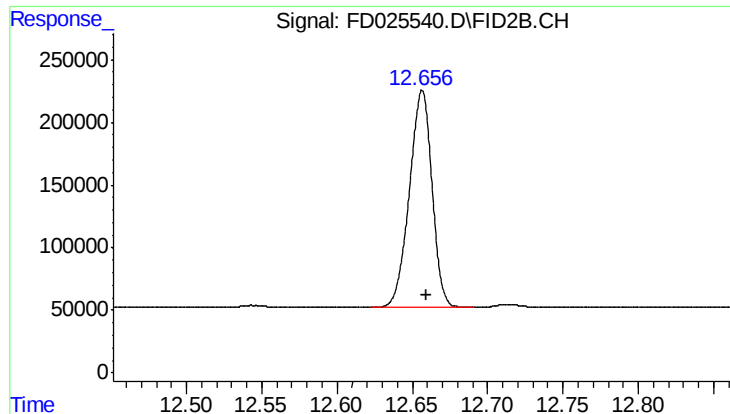
#11 ortho-Terphenyl (SURR)

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 1736915
Conc: 18.53 ug/ml



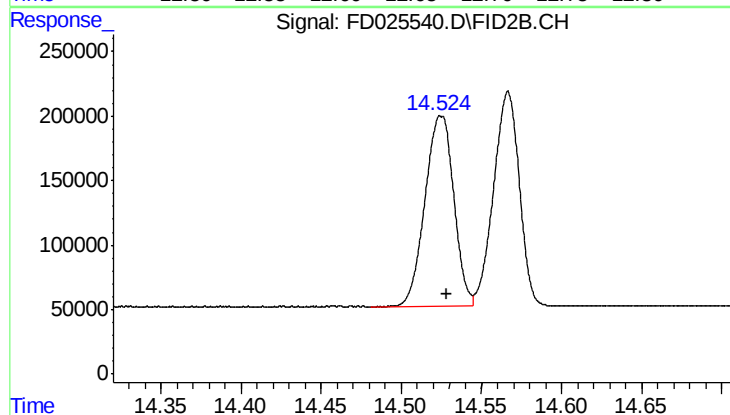
#12 Fluoranthene (C21.85)

R.T.: 12.362 min
Delta R.T.: -0.004 min
Response: 1796426
Conc: 18.73 ug/ml



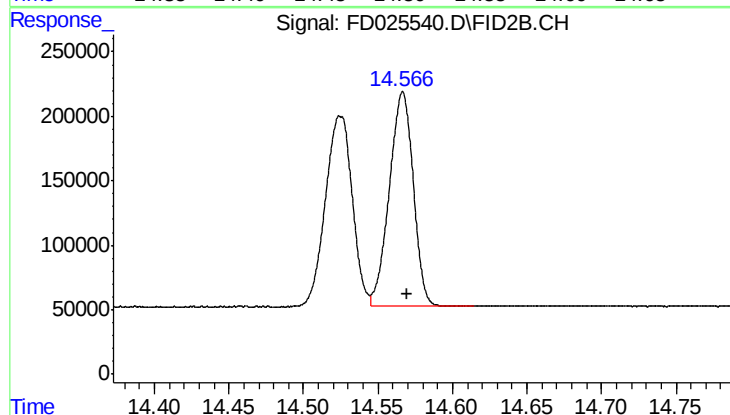
#13 Pyrene (C20.8)

R.T.: 12.657 min
Delta R.T.: -0.003 min
Response: 1813303
Conc: 18.95 ug/ml



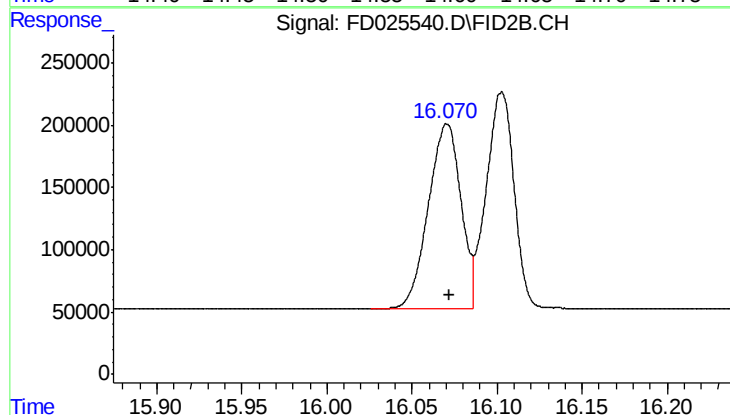
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.525 min
Delta R.T.: -0.004 min
Response: 1856293
Conc: 20.74 ug/ml



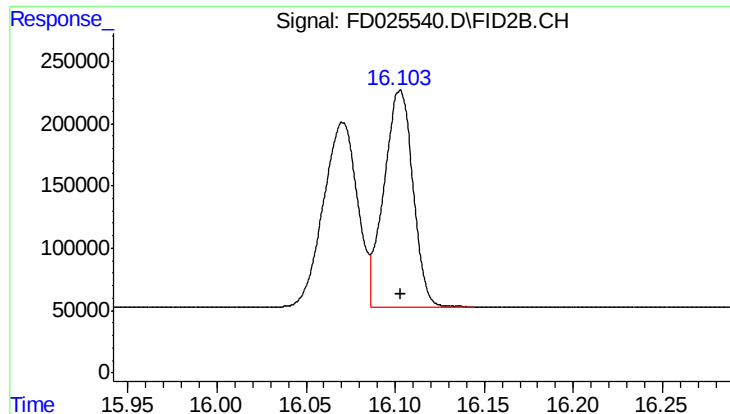
#15 Chrysene (C27.41)

R.T.: 14.567 min
Delta R.T.: -0.003 min
Response: 1870457
Conc: 20.85 ug/ml



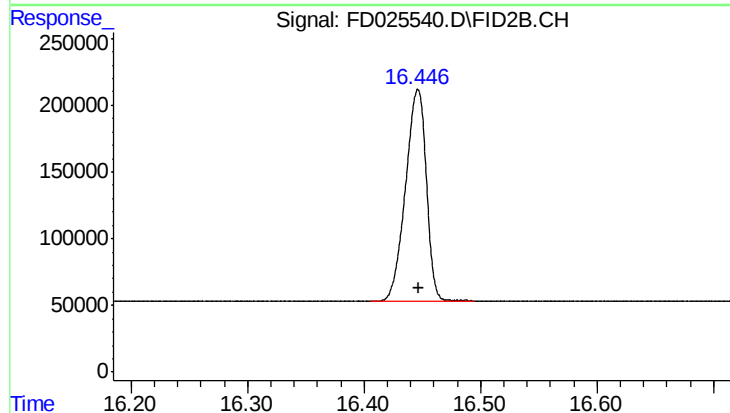
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.071 min
Delta R.T.: -0.002 min
Response: 1969080
Conc: 20.61 ug/ml



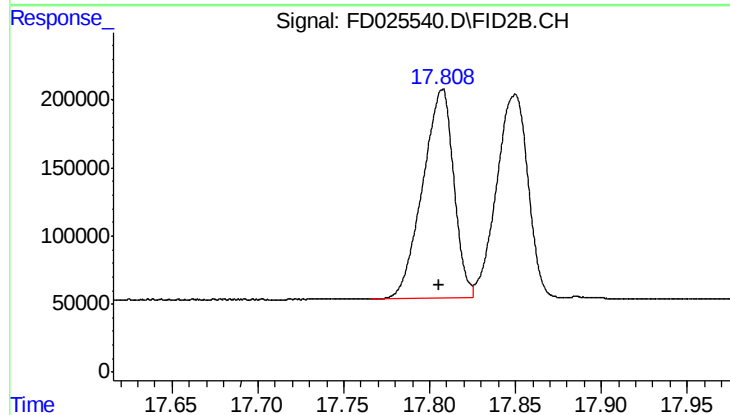
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.103 min
Delta R.T.: 0.000 min
Response: 1973928
Conc: 20.38 ug/ml



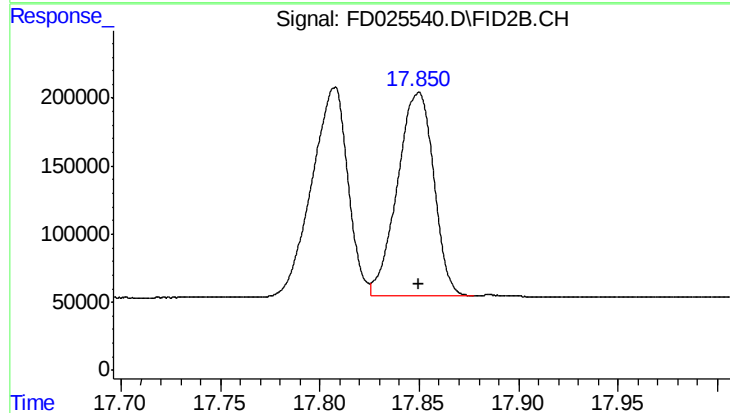
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.446 min
Delta R.T.: 0.000 min
Response: 1967805
Conc: 20.23 ug/ml



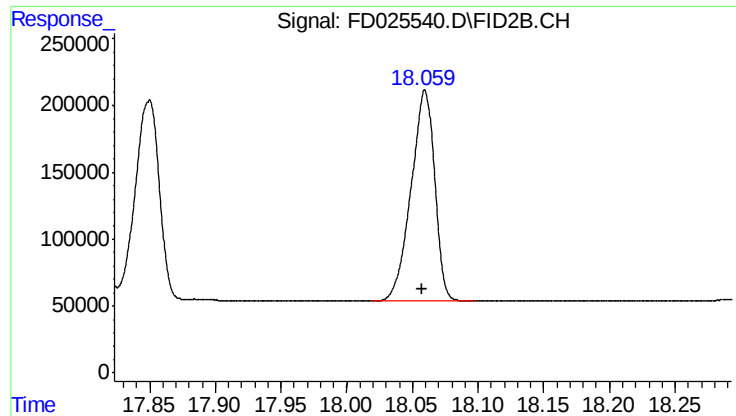
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min
Delta R.T.: 0.002 min
Response: 1939264
Conc: 18.92 ug/ml



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

R.T.: 17.850 min
Delta R.T.: 0.000 min
Response: 1901011
Conc: 18.87 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.060 min
Delta R.T.: 0.002 min
Response: 1979727
Conc: 19.14 ug/ml