

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101018AR\
 Data File : FD025928.D
 Signal(s) : FID2B.CH
 Acq On : 10 Oct 2018 12:23
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 03:15:23 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 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...	7.422	1612390	20.654 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
6) S 2-Fluorobiphenyl (SURR)	8.274	1161423	21.078 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.16%
11) S ortho-Terphenyl (SURR)	11.318	1884623	21.911 ug/ml
Spiked Amount 50.000		Recovery =	43.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.224	1684405	19.886 ug/ml
2) T Naphthalene (C11.7)	5.757	1842892	20.121 ug/ml
3) T 2-Methylnaphthalene (...)	6.808	1833231	20.533 ug/ml
5) T Acenaphthylene (C15.06)	8.078	1809642	20.794 ug/ml
7) T Acenaphthene (C15.5)	8.373	1893615	20.839 ug/ml
8) T Fluorene (C16.55)	9.152	1902347	21.172 ug/ml
9) T Phenanthrene (C19.36)	10.542	1960834	21.056 ug/ml
10) T Anthracene (C19.43)	10.615	1932210	21.102 ug/ml
12) T Fluoranthene (C21.85)	12.348	2066638	21.086 ug/ml
13) T Pyrene (C20.8)	12.642	2081692	20.904 ug/ml
14) T Benzo[a]anthracene (C...	14.512	2021703	20.917 ug/ml
15) T Chrysene (C27.41)	14.553	2052310	21.103 ug/ml
16) T benzo[b]fluoranthene ...	16.057	2057465	20.942 ug/ml
17) T Bnezo[k]fluoranthene ...	16.089	2086562	21.401 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.432	2015805	20.636 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	1821340	19.212 ug/ml
20) T Dibenz[a,h]anthracene...	17.836	1743787	18.833 ug/ml
21) T Benzo[g,h,i]perylene ...	18.047	1931312	20.075 ug/mlm

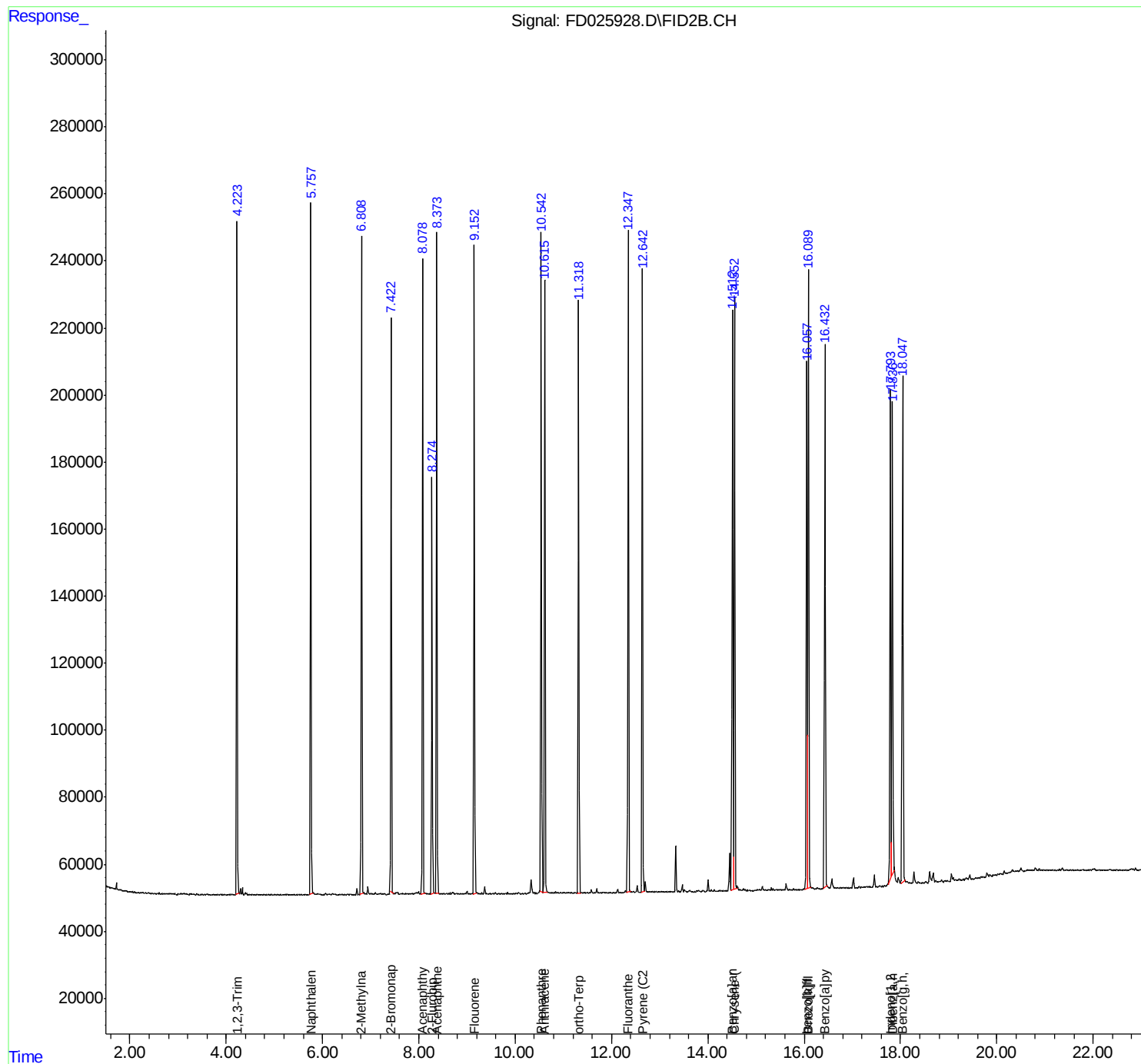
(f)=RT Delta > 1/2 Window

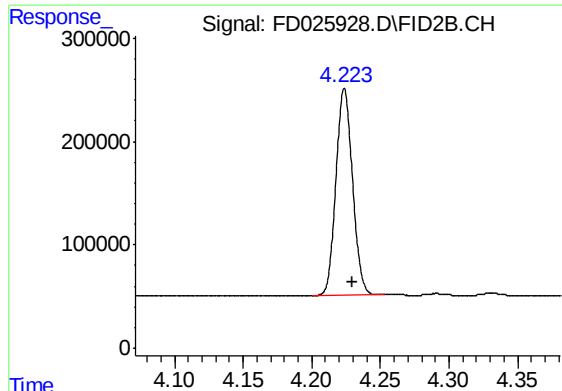
(m)=manual int.

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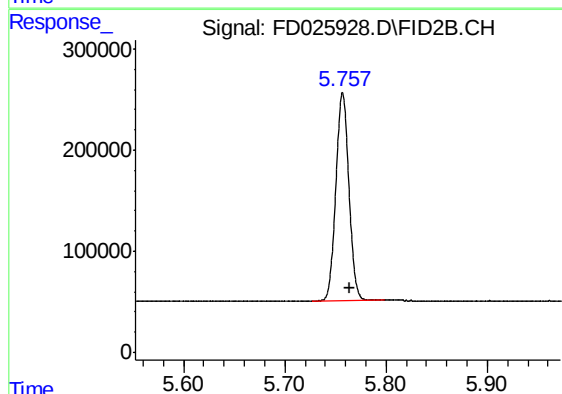
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Signal Info : 20M x 0.18mm x 0.18µm





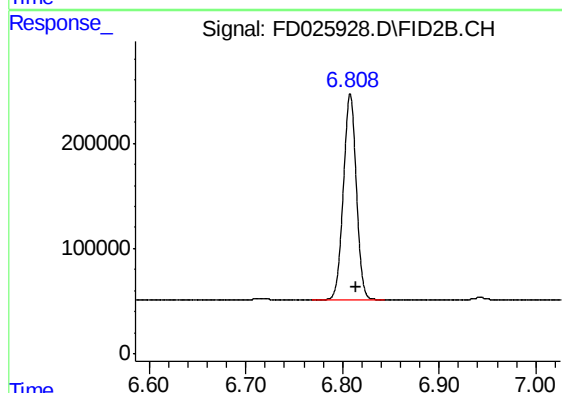
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.224 min
Delta R.T.: -0.006 min
Response: 1684405
Conc: 19.89 ug/ml



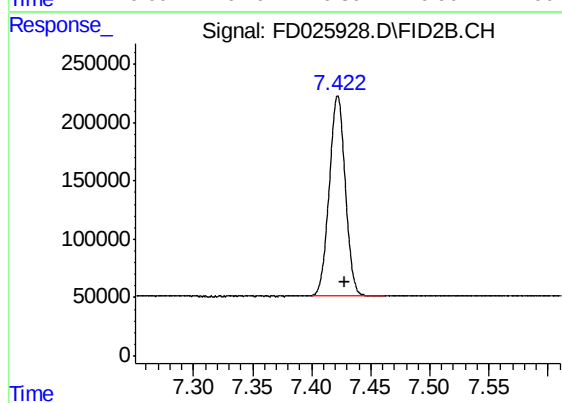
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.007 min
Response: 1842892
Conc: 20.12 ug/ml



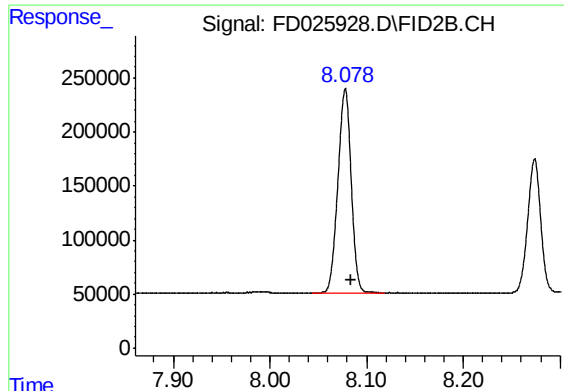
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: -0.006 min
Response: 1833231
Conc: 20.53 ug/ml



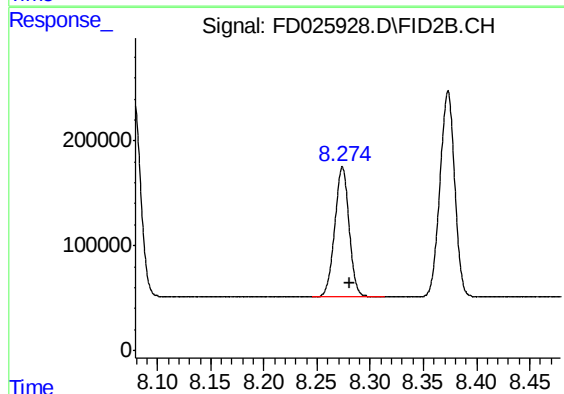
#4 2-Bromonaphthalene (SURR)

R.T.: 7.422 min
Delta R.T.: -0.006 min
Response: 1612390
Conc: 20.65 ug/ml



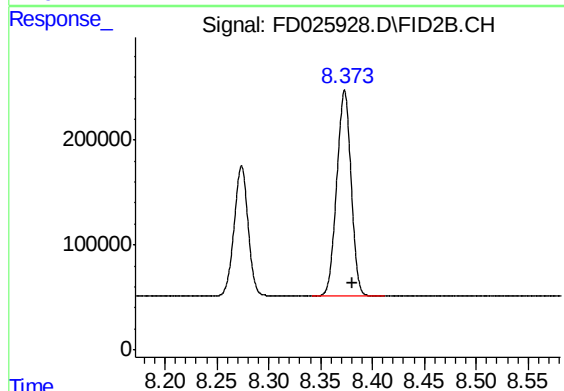
#5 Acenaphthylene (C15.06)

R.T.: 8.078 min
Delta R.T.: -0.007 min
Response: 1809642
Conc: 20.79 ug/ml



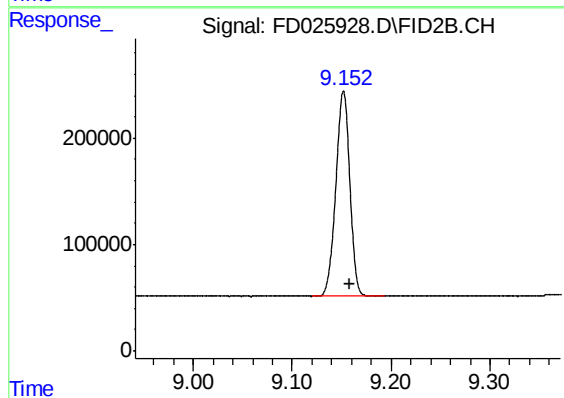
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.274 min
Delta R.T.: -0.007 min
Response: 1161423
Conc: 21.08 ug/ml



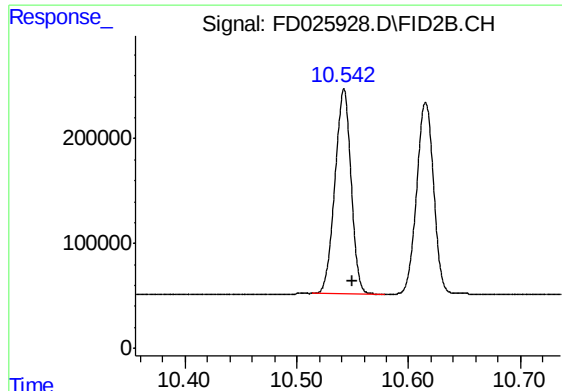
#7 Acenaphthene (C15.5)

R.T.: 8.373 min
Delta R.T.: -0.007 min
Response: 1893615
Conc: 20.84 ug/ml



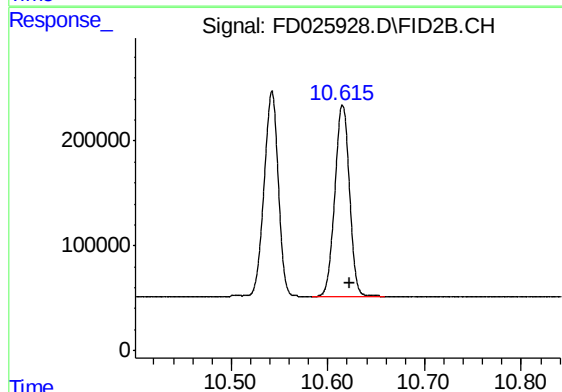
#8 Flouorene (C16.55)

R.T.: 9.152 min
Delta R.T.: -0.007 min
Response: 1902347
Conc: 21.17 ug/ml



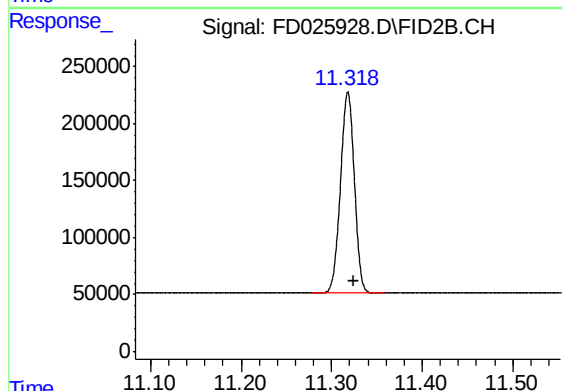
#9 Phenanthrene (C19.36)

R.T.: 10.542 min
Delta R.T.: -0.008 min
Response: 1960834
Conc: 21.06 ug/ml



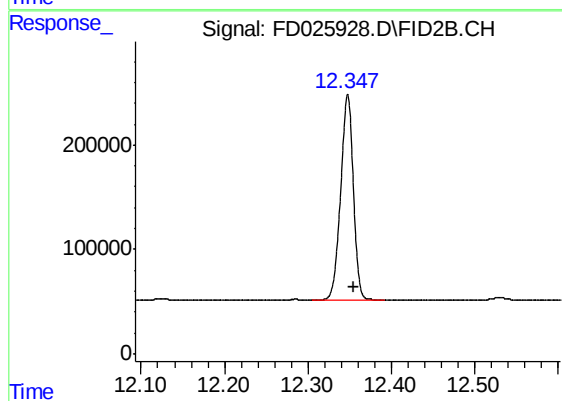
#10 Anthracene (C19.43)

R.T.: 10.615 min
Delta R.T.: -0.008 min
Response: 1932210
Conc: 21.10 ug/ml



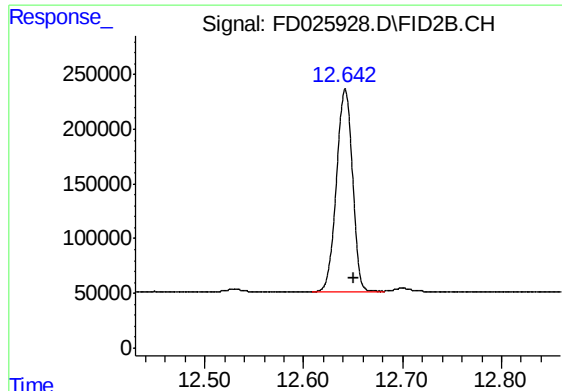
#11 ortho-Terphenyl (SURR)

R.T.: 11.318 min
Delta R.T.: -0.007 min
Response: 1884623
Conc: 21.91 ug/ml



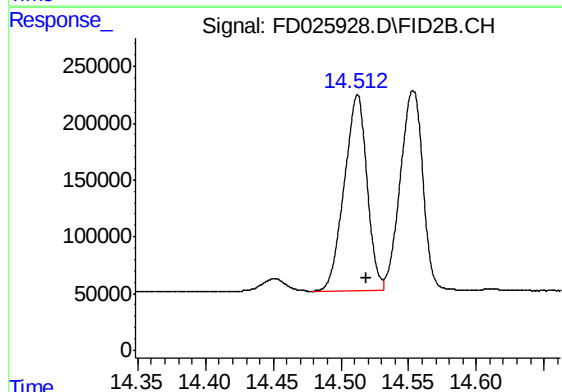
#12 Fluoranthene (C21.85)

R.T.: 12.348 min
Delta R.T.: -0.008 min
Response: 2066638
Conc: 21.09 ug/ml



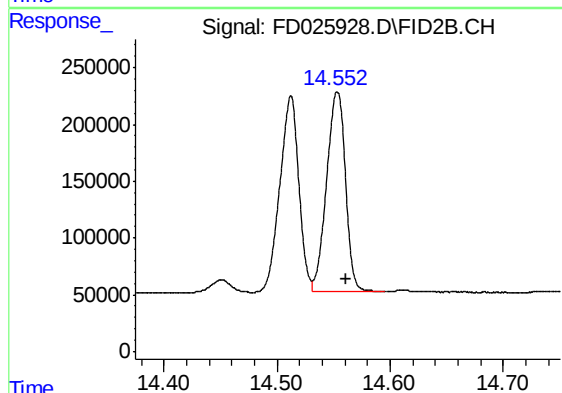
#13 Pyrene (C20.8)

R.T.: 12.642 min
Delta R.T.: -0.008 min
Response: 2081692
Conc: 20.90 ug/ml



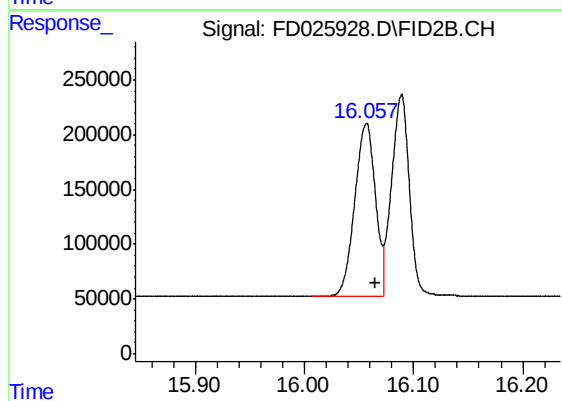
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.512 min
Delta R.T.: -0.007 min
Response: 2021703
Conc: 20.92 ug/ml



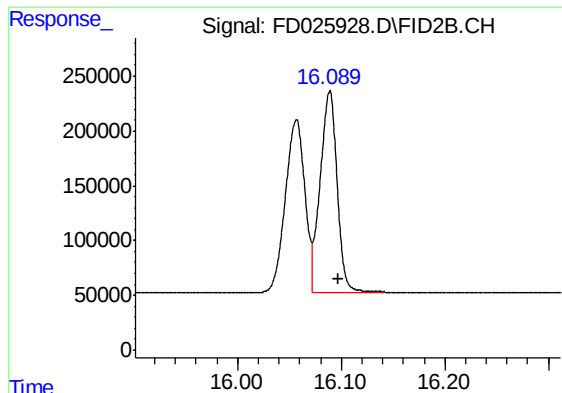
#15 Chrysene (C27.41)

R.T.: 14.553 min
Delta R.T.: -0.008 min
Response: 2052310
Conc: 21.10 ug/ml



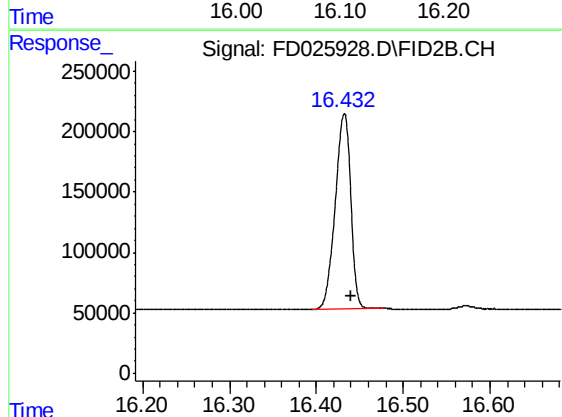
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.057 min
Delta R.T.: -0.008 min
Response: 2057465
Conc: 20.94 ug/ml



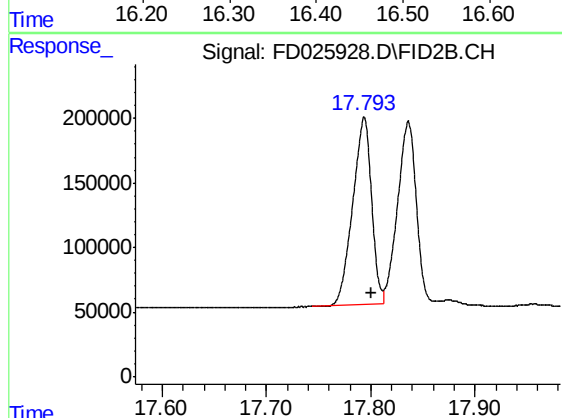
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.089 min
Delta R.T.: -0.008 min
Response: 2086562
Conc: 21.40 ug/ml



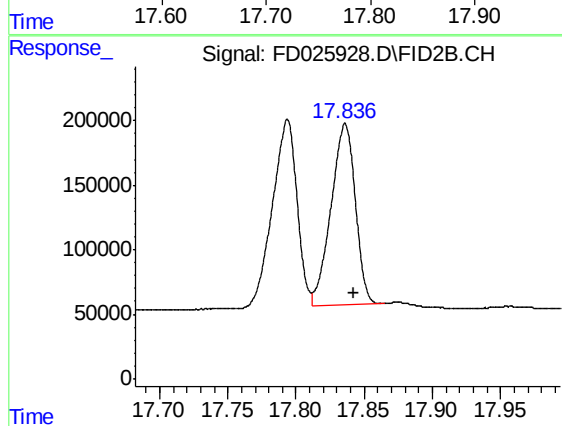
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.432 min
Delta R.T.: -0.008 min
Response: 2015805
Conc: 20.64 ug/ml



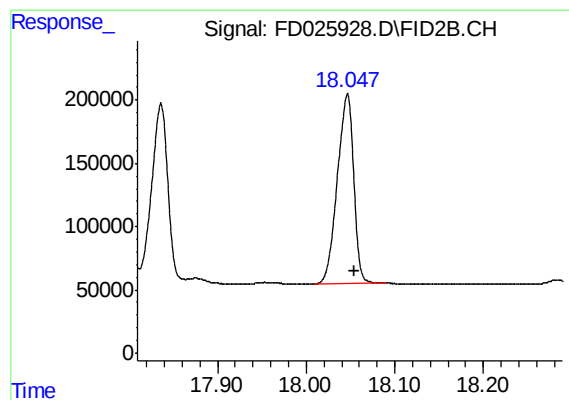
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.007 min
Response: 1821340
Conc: 19.21 ug/ml



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

R.T.: 17.836 min
Delta R.T.: -0.006 min
Response: 1743787
Conc: 18.83 ug/ml



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

R.T.: 18.047 min
Delta R.T.: -0.007 min
Response: 1931312
Conc: 20.07 ug/ml m