

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AR\
 Data File : FD042777.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2022 14:50
 Operator : UA/NP
 Sample : N1645-07
 Misc : 2.5 PPM LOD WATER
 ALS Vial : 57 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 07 02:04:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.666	6836529	44.739 ug/ml
Spiked Amount 50.000		Recovery =	89.48%
6) S 2-Fluorobiphenyl (SURR)	8.531	4570792	44.443 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.89%
11) S ortho-Terphenyl (SURR)	11.580	6632605	37.362 ug/ml
Spiked Amount 50.000		Recovery =	74.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.455	324927	1.941 ug/ml
2) T Naphthalene (C11.7)	5.998	382944	2.215 ug/ml
3) T 2-Methylnaphthalene (...)	7.051	375278	2.353 ug/mlm
5) T Acenaphthylene (C15.06)	8.329	349500	2.023 ug/mlm
7) T Acenaphthene (C15.5)	8.626	366775	2.132 ug/ml
8) T Flouorene (C16.55)	9.406	361231	2.152 ug/mlm
9) T Phenanthrene (C19.36)	10.806	349410	2.125 ug/ml
10) T Anthracene (C19.43)	10.880	327593	2.143 ug/ml
12) T Fluoranthene (C21.85)	12.619	339552	2.155 ug/ml
13) T Pyrene (C20.8)	12.917	329470	2.116 ug/ml
14) T Benzo[a]anthracene (C...	14.787	299206	2.244 ug/mlm
15) T Chrysene (C27.41)	14.828	304346	2.304 ug/mlm
16) T benzo[b]fluoranthene ...	16.336	303972	2.282 ug/ml
17) T Bnezo[k]fluoranthene ...	16.368	304232	2.456 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.715	274397	2.217 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.078	277944	2.494 ug/ml
20) T Dibenz[a,h]anthracene...	18.121	306658	2.757 ug/ml
21) T Benzo[g,h,i]perylene ...	18.332	302496	2.545 ug/ml

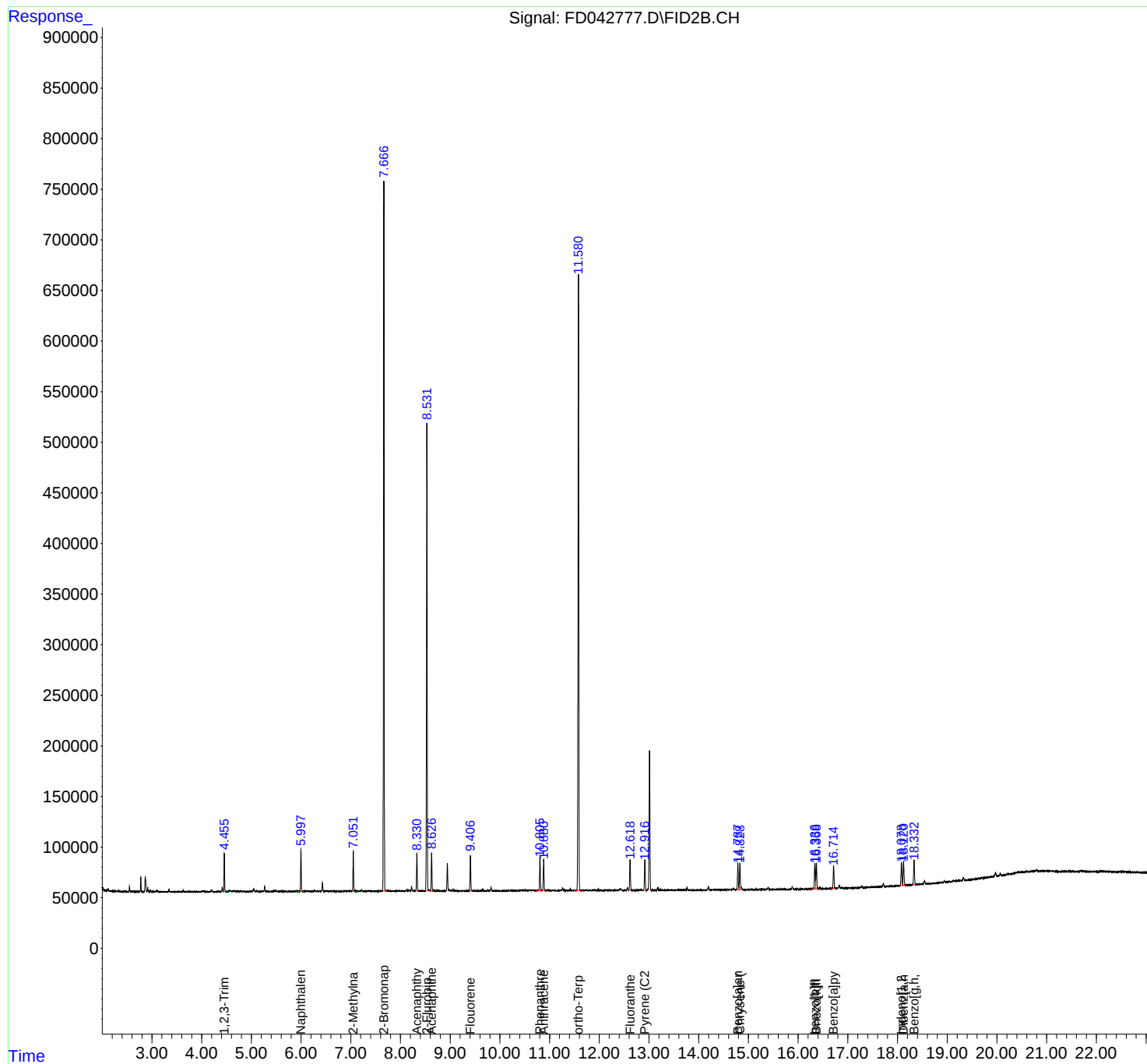
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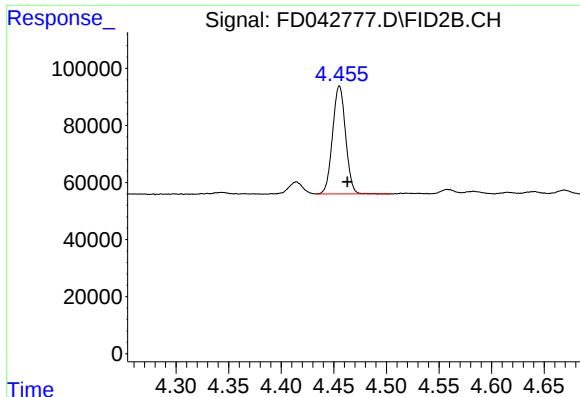
(m)=manual int.

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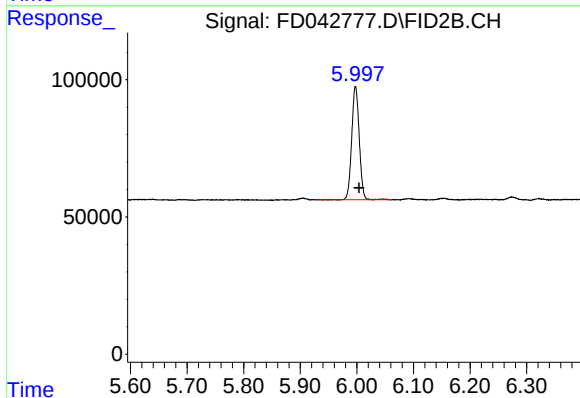
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Signal Info : 20M x 0.18mm x 0.18µm





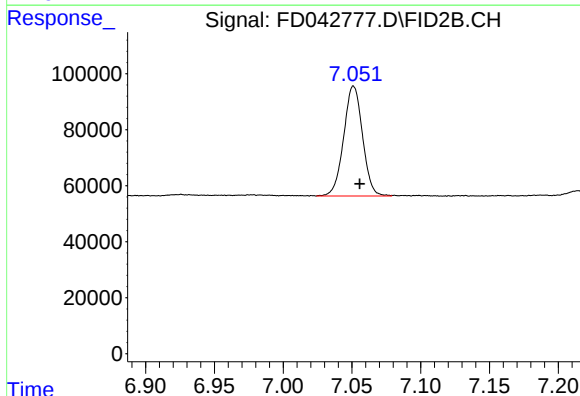
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.455 min
Delta R.T.: -0.008 min
Response: 324927
Conc: 1.94 ug/ml



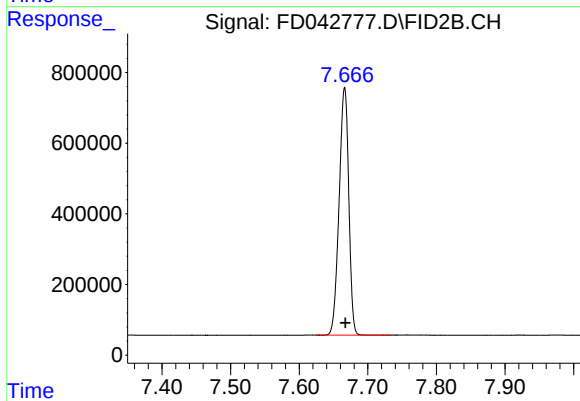
#2 Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.006 min
Response: 382944
Conc: 2.21 ug/ml



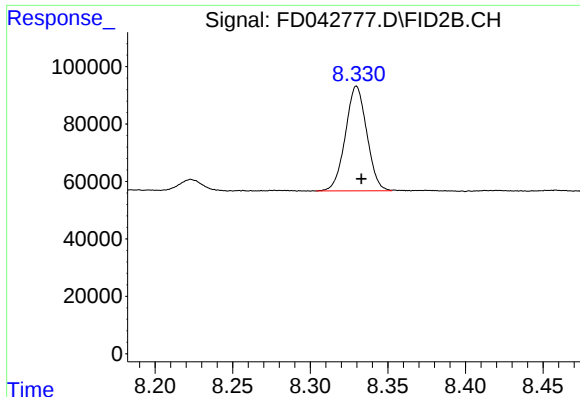
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.005 min
Response: 375278
Conc: 2.35 ug/ml m



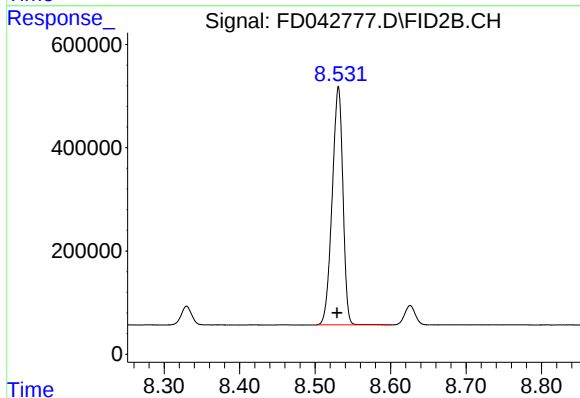
#4 2-Bromonaphthalene (SURR)

R.T.: 7.666 min
Delta R.T.: -0.001 min
Response: 6836529
Conc: 44.74 ug/ml



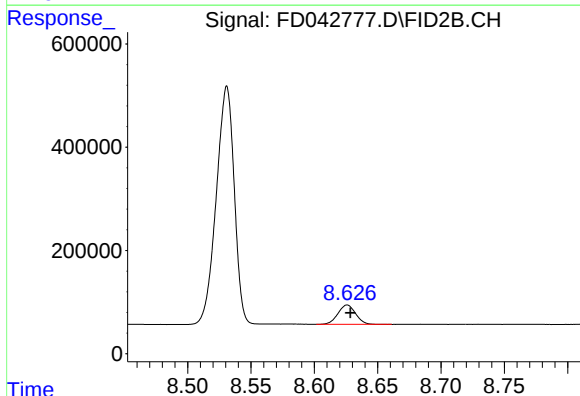
#5 Acenaphthylene (C15.06)

R.T.: 8.329 min
Delta R.T.: -0.003 min
Response: 349500
Conc: 2.02 ug/ml m



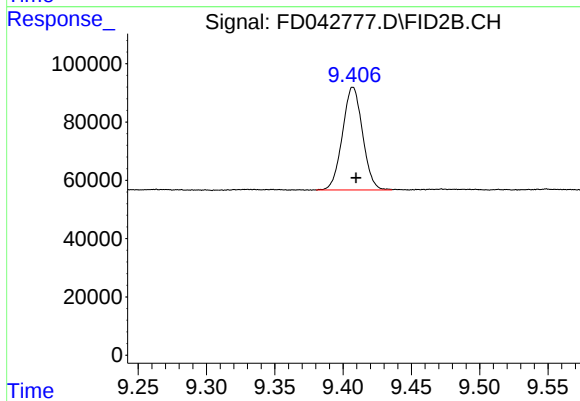
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.531 min
Delta R.T.: 0.001 min
Response: 4570792
Conc: 44.44 ug/ml



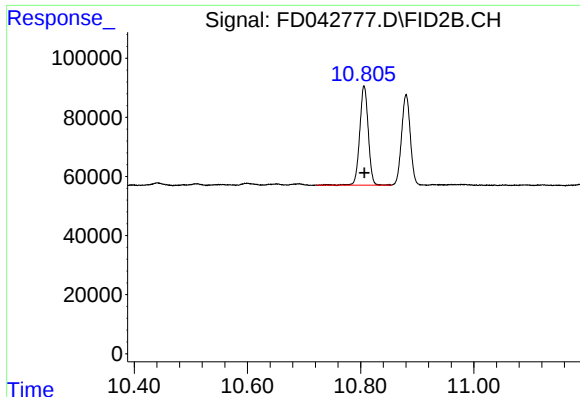
#7 Acenaphthene (C15.5)

R.T.: 8.626 min
Delta R.T.: -0.003 min
Response: 366775
Conc: 2.13 ug/ml



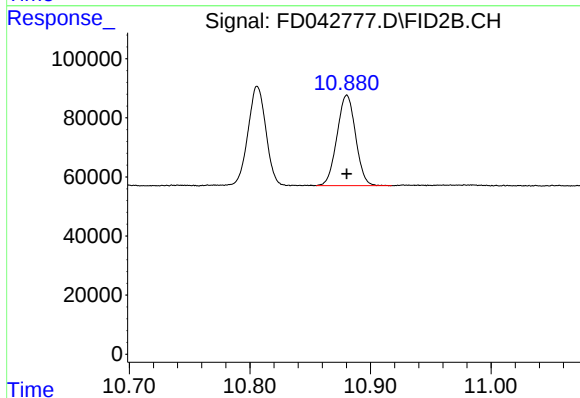
#8 Fluorene (C16.55)

R.T.: 9.406 min
Delta R.T.: -0.003 min
Response: 361231
Conc: 2.15 ug/ml m



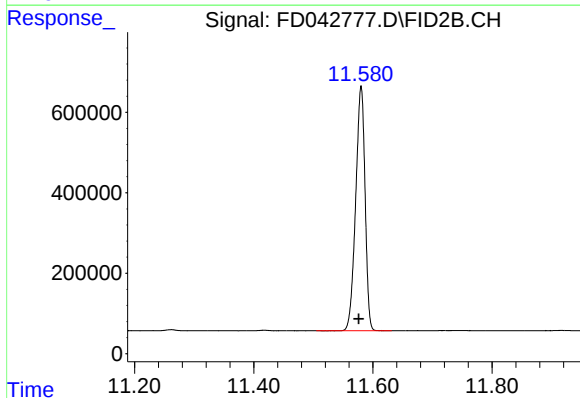
#9 Phenanthrene (C19.36)

R.T.: 10.806 min
Delta R.T.: 0.000 min
Response: 349410
Conc: 2.12 ug/ml



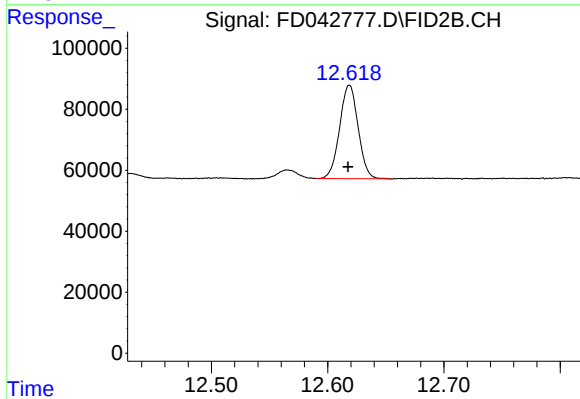
#10 Anthracene (C19.43)

R.T.: 10.880 min
Delta R.T.: 0.000 min
Response: 327593
Conc: 2.14 ug/ml



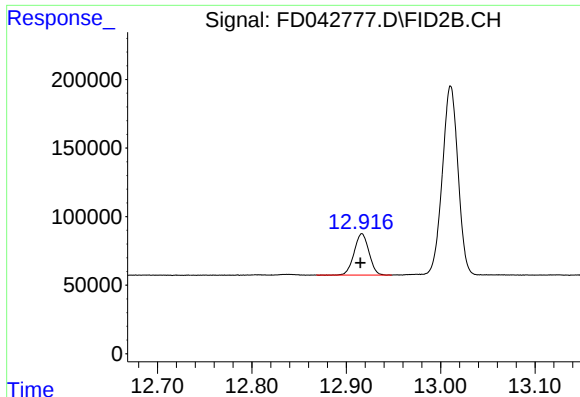
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.004 min
Response: 6632605
Conc: 37.36 ug/ml



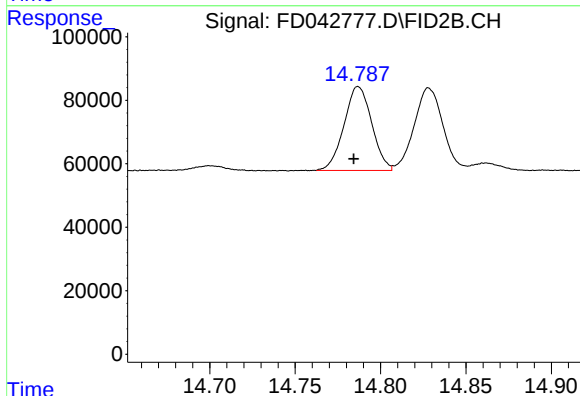
#12 Fluoranthene (C21.85)

R.T.: 12.619 min
Delta R.T.: 0.001 min
Response: 339552
Conc: 2.16 ug/ml



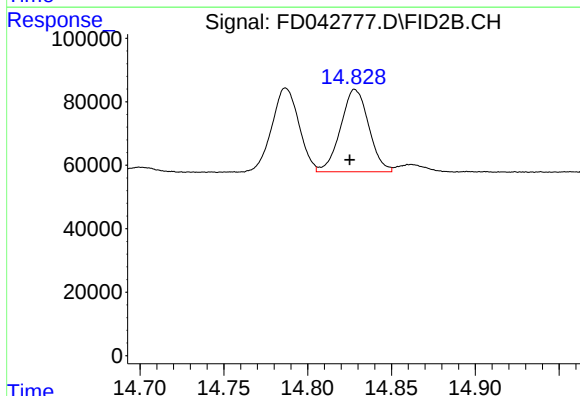
#13 Pyrene (C20.8)

R.T.: 12.917 min
Delta R.T.: 0.002 min
Response: 329470
Conc: 2.12 ug/ml



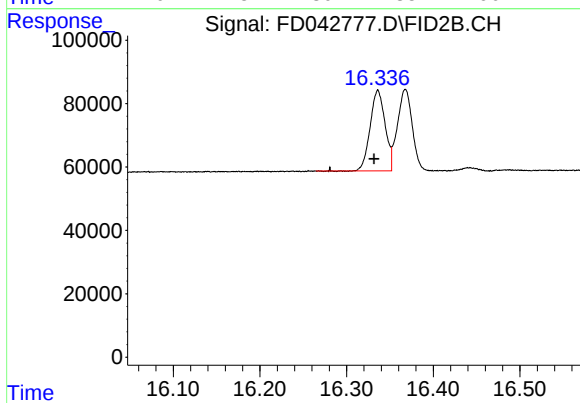
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: 0.002 min
Response: 299206
Conc: 2.24 ug/ml m



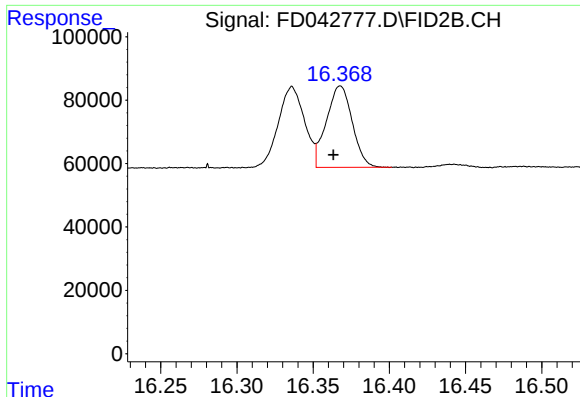
#15 Chrysene (C27.41)

R.T.: 14.828 min
Delta R.T.: 0.002 min
Response: 304346
Conc: 2.30 ug/ml m



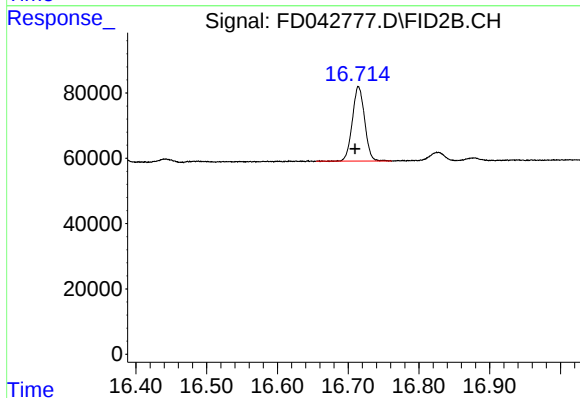
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.336 min
Delta R.T.: 0.004 min
Response: 303972
Conc: 2.28 ug/ml



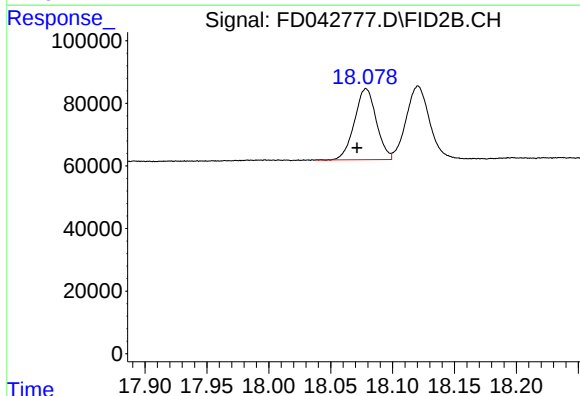
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.368 min
Delta R.T.: 0.005 min
Response: 304232
Conc: 2.46 ug/ml



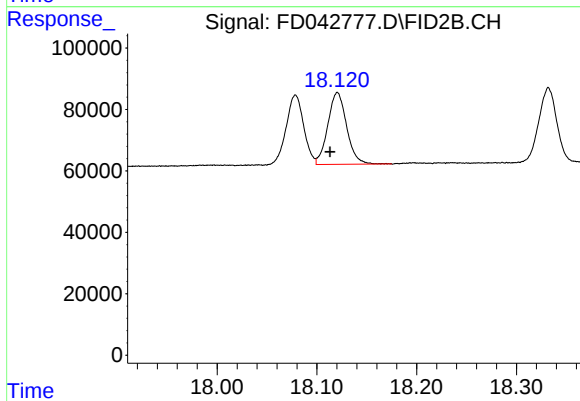
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.715 min
Delta R.T.: 0.005 min
Response: 274397
Conc: 2.22 ug/ml



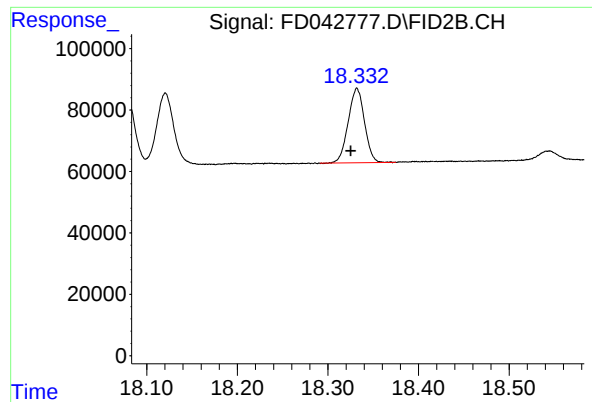
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.078 min
Delta R.T.: 0.007 min
Response: 277944
Conc: 2.49 ug/ml



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

R.T.: 18.121 min
Delta R.T.: 0.007 min
Response: 306658
Conc: 2.76 ug/ml



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

R.T.: 18.332 min
Delta R.T.: 0.007 min
Response: 302496
Conc: 2.55 ug/ml