

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071119AR\
 Data File : FD029731.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jul 2019 8:56
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 05:27:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 2019
 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...	7.694	3307029	20.899 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
6) S 2-Fluorobiphenyl (SURR)	8.558	2238377	20.838 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.68%
11) S ortho-Terphenyl (SURR)	11.594	3488771	20.557 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	3534577	20.906 ug/ml
2) T Naphthalene (C11.7)	6.035	3754429	20.979 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	3691461	20.925 ug/ml
5) T Acenaphthylene (C15.06)	8.362	3517116	20.776 ug/ml
7) T Acenaphthene (C15.5)	8.657	3676728	20.866 ug/ml
8) T Flouorene (C16.55)	9.436	3627410	20.760 ug/ml
9) T Phenanthrene (C19.36)	10.831	3573301	20.606 ug/ml
10) T Anthracene (C19.43)	10.906	3459253	20.459 ug/ml
12) T Fluoranthene (C21.85)	12.639	3498108	20.427 ug/ml
13) T Pyrene (C20.8)	12.937	3477569	20.443 ug/ml
14) T Benzo[a]anthracene (C...	14.801	3166999	20.315 ug/ml
15) T Chrysene (C27.41)	14.843	3170876	20.344 ug/ml
16) T benzo[b]fluoranthene ...	16.347	2967245	20.320 ug/ml
17) T Bnezo[k]fluoranthene ...	16.379	2929240	20.254 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.725	2837768	20.237 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.082	2564822	20.132 ug/ml
20) T Dibenz[a,h]anthracene...	18.123	2593342	20.737 ug/ml
21) T Benzo[g,h,i]perylene ...	18.338	2536744	20.336 ug/ml

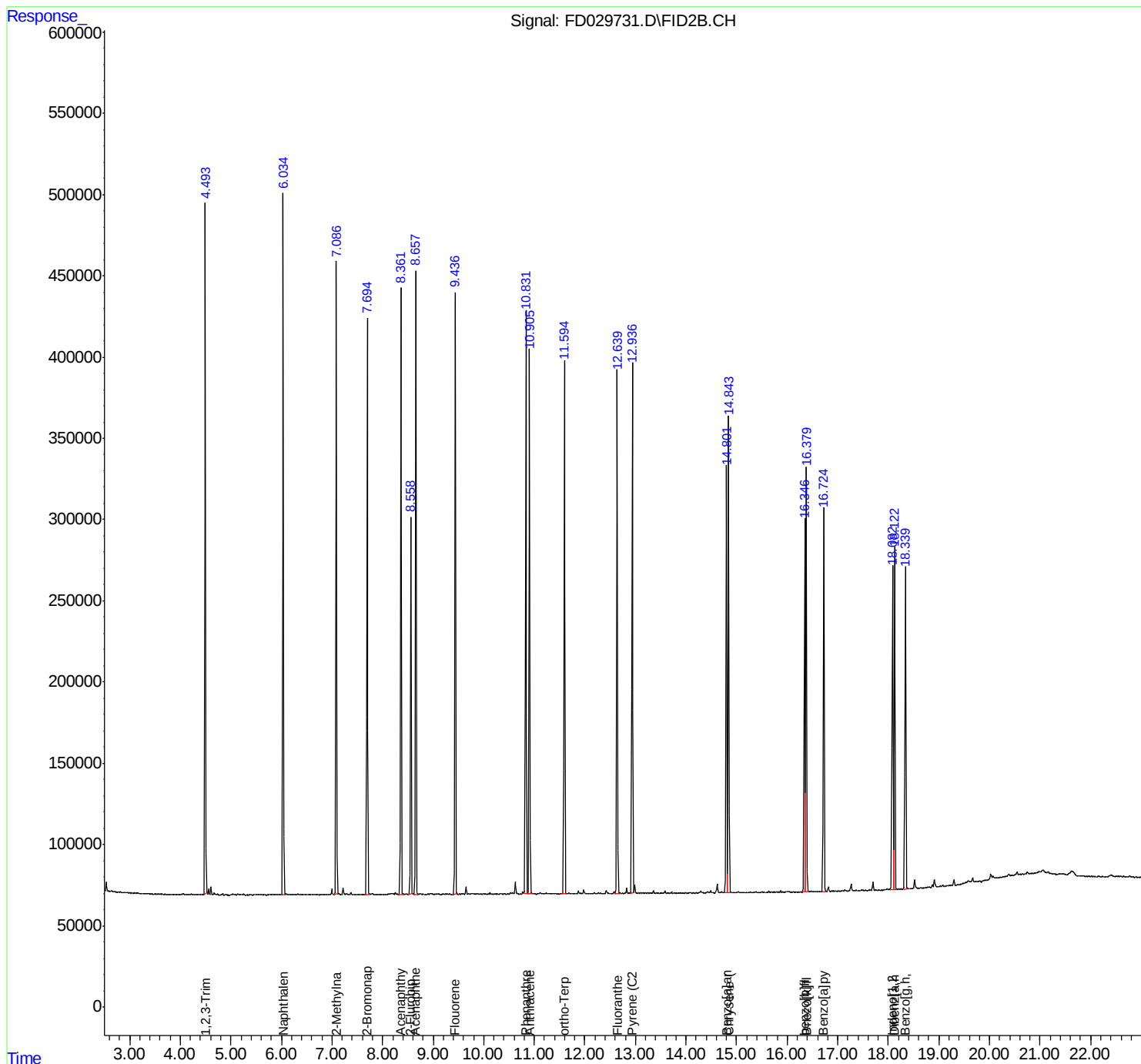
(f)=RT Delta > 1/2 Window

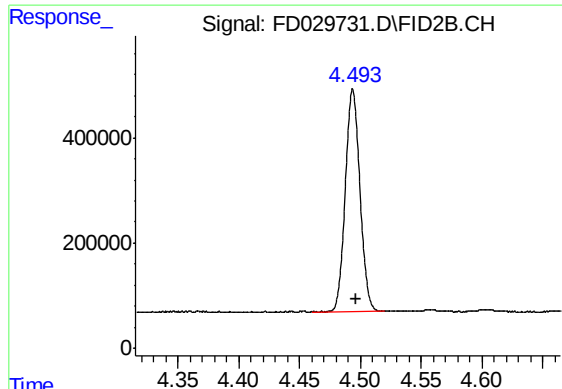
(m)=manual int.

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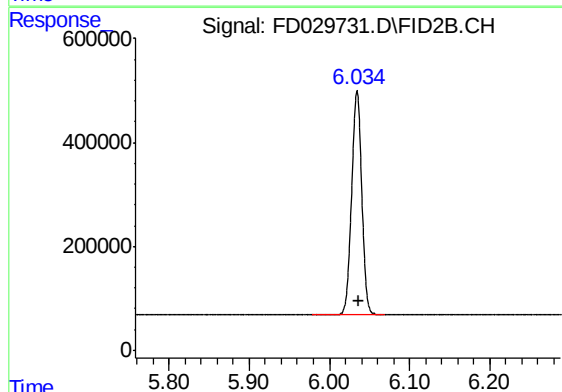
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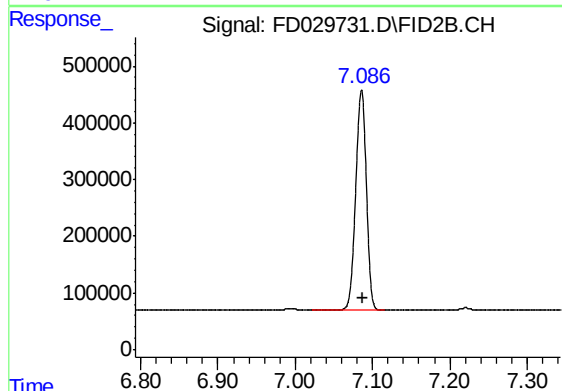
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 3534577
Conc: 20.91 ug/ml



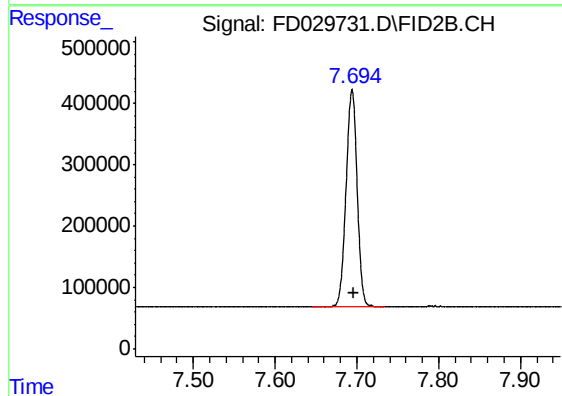
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: -0.001 min
Response: 3754429
Conc: 20.98 ug/ml



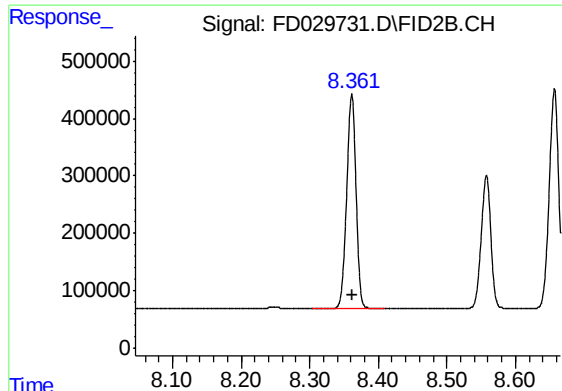
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.001 min
Response: 3691461
Conc: 20.92 ug/ml



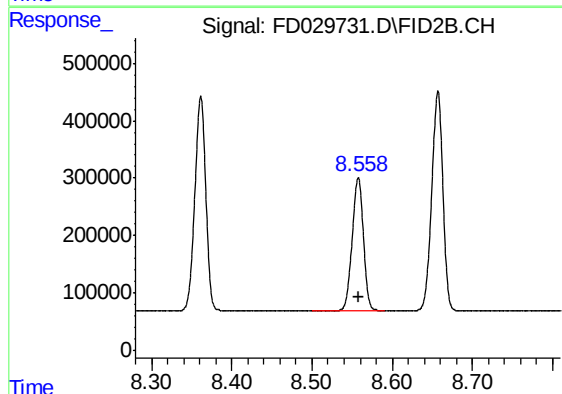
#4 2-Bromonaphthalene (SURR)

R.T.: 7.694 min
Delta R.T.: -0.001 min
Response: 3307029
Conc: 20.90 ug/ml



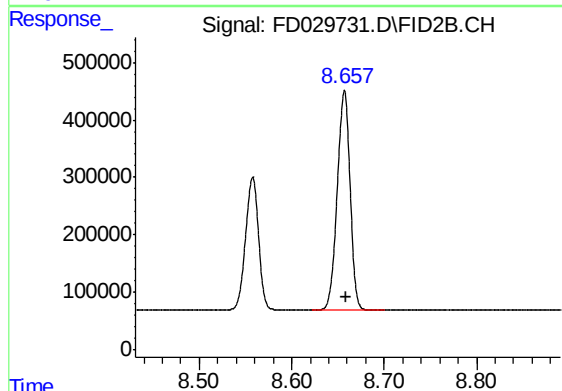
#5 Acenaphthylene (C15.06)

R.T.: 8.362 min
Delta R.T.: -0.001 min
Response: 3517116
Conc: 20.78 ug/ml



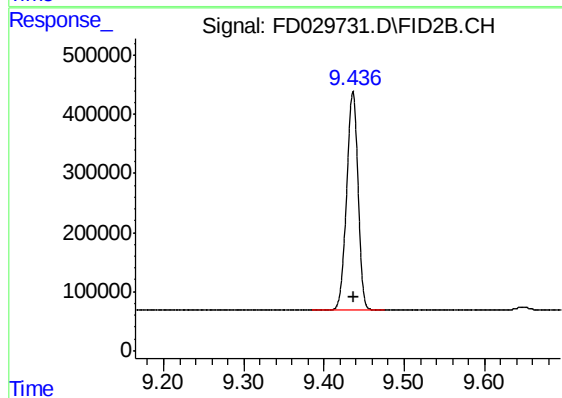
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 2238377
Conc: 20.84 ug/ml



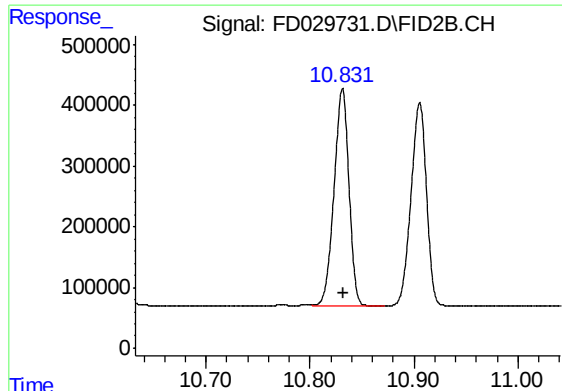
#7 Acenaphthene (C15.5)

R.T.: 8.657 min
Delta R.T.: -0.001 min
Response: 3676728
Conc: 20.87 ug/ml



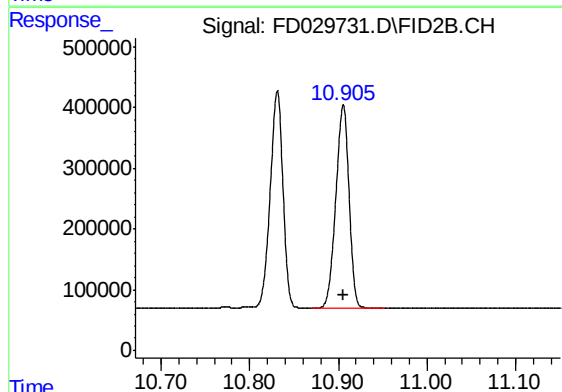
#8 Flouorene (C16.55)

R.T.: 9.436 min
Delta R.T.: -0.001 min
Response: 3627410
Conc: 20.76 ug/ml



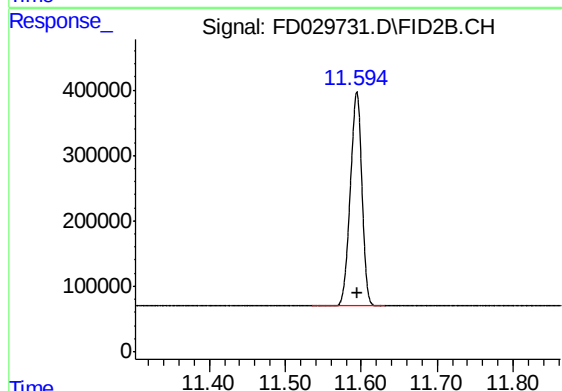
#9 Phenanthrene (C19.36)

R.T.: 10.831 min
Delta R.T.: 0.000 min
Response: 3573301
Conc: 20.61 ug/ml



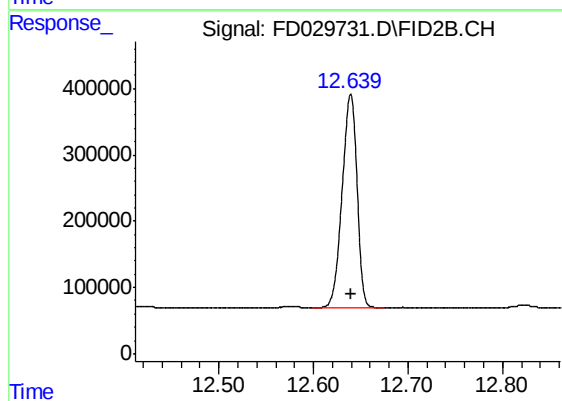
#10 Anthracene (C19.43)

R.T.: 10.906 min
Delta R.T.: 0.000 min
Response: 3459253
Conc: 20.46 ug/ml



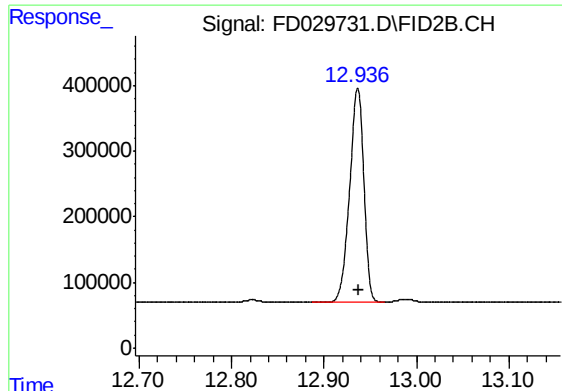
#11 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: 0.000 min
Response: 3488771
Conc: 20.56 ug/ml



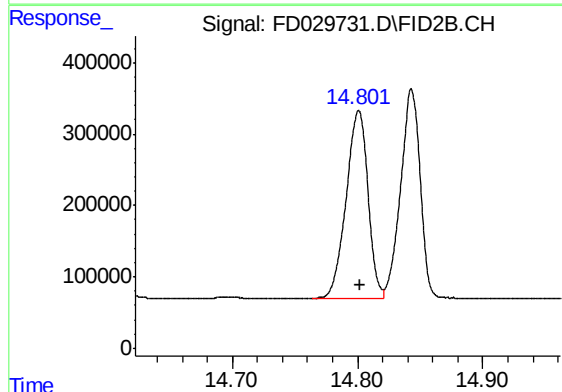
#12 Fluoranthene (C21.85)

R.T.: 12.639 min
Delta R.T.: 0.000 min
Response: 3498108
Conc: 20.43 ug/ml



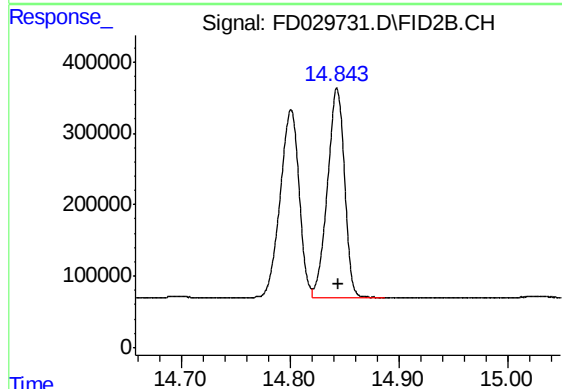
#13 Pyrene (C20.8)

R.T.: 12.937 min
Delta R.T.: 0.000 min
Response: 3477569
Conc: 20.44 ug/ml



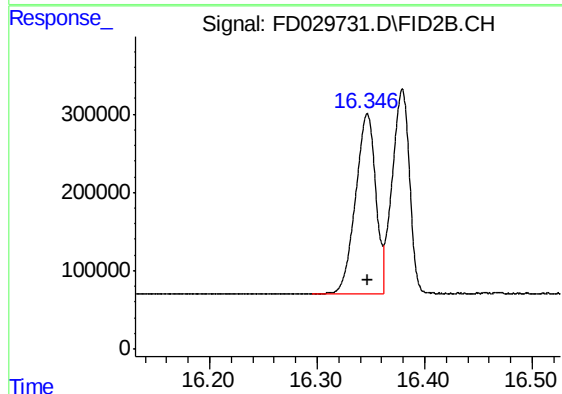
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.801 min
Delta R.T.: 0.000 min
Response: 3166999
Conc: 20.32 ug/ml



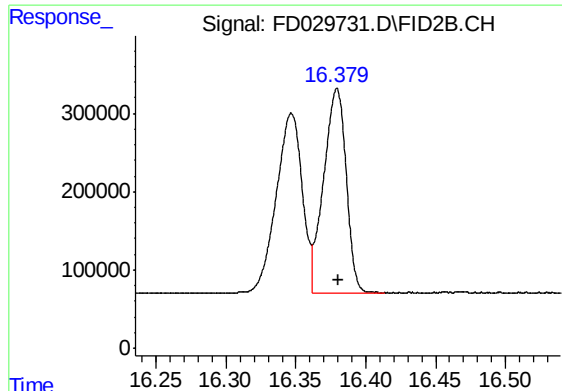
#15 Chrysene (C27.41)

R.T.: 14.843 min
Delta R.T.: -0.002 min
Response: 3170876
Conc: 20.34 ug/ml



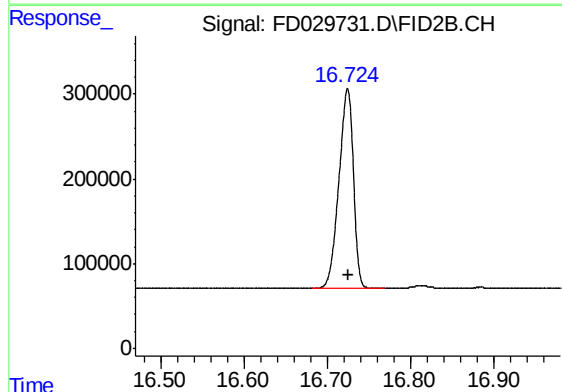
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.347 min
Delta R.T.: 0.000 min
Response: 2967245
Conc: 20.32 ug/ml



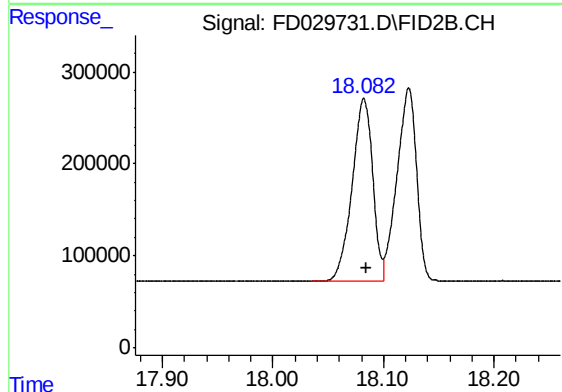
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.379 min
Delta R.T.: 0.000 min
Response: 2929240
Conc: 20.25 ug/ml



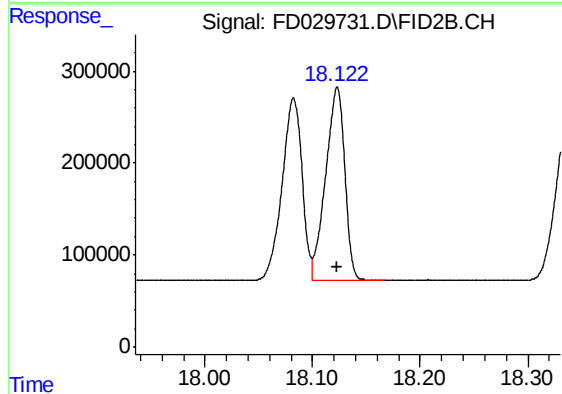
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.725 min
Delta R.T.: 0.000 min
Response: 2837768
Conc: 20.24 ug/ml



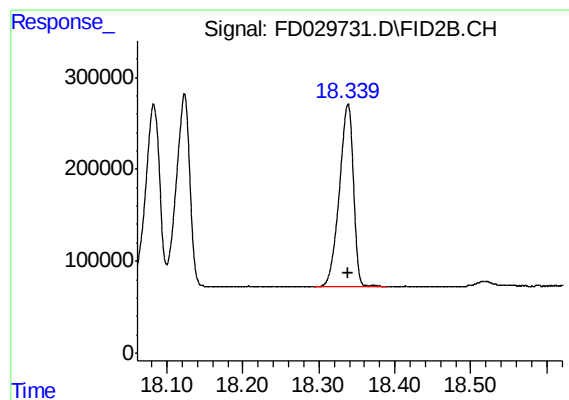
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.082 min
Delta R.T.: -0.002 min
Response: 2564822
Conc: 20.13 ug/ml



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

R.T.: 18.123 min
Delta R.T.: 0.000 min
Response: 2593342
Conc: 20.74 ug/ml



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

R.T.: 18.338 min
Delta R.T.: 0.000 min
Response: 2536744
Conc: 20.34 ug/ml