Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012722AR\
Data File : FD040807.D
Signal(s) : FID2B.CH
Acq On : 27 Jan 2022 14:19
Operator : AJ\MA
Sample : N1248-01MSD
Misc :
ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 28 01:53:35 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
Quant Title : GC Extractables
QLast Update : Wed Jan 05 01:13:45 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...	6.720	6683109	46.728 ug/ml
Spiked Amount	50.000		Recovery =	93.46%
6) S	2-Flurobiphenyl (SURR)	7.568	4540701	47.685 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	95.37%
11) S	ortho-Terphenyl (SURR)	10.652	353797	2.264 ug/ml
Spiked Amount	50.000		Recovery =	4.53%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	3.579	4546433	29.392 ug/ml
2) T	Naphthalene (C11.7)	5.069	5253758	32.826 ug/ml
3) T	2-Methylnaphthalene (...	6.109	5517693	33.992 ug/ml
5) T	Acenaphthylene (C15.06)	7.371	5559076	36.981 ug/ml
7) T	Acenaphthene (C15.5)	7.666	6365502	39.492 ug/ml
8) T	Flouorene (C16.55)	8.442	6123224	39.395 ug/ml
9) T	Phenanthrene (C19.36)	9.830	7808565	50.756 ug/ml
10) T	Anthracene (C19.43)	9.903	6066570	41.524 ug/ml
12) T	Fluoranthene (C21.85)	11.634	10008147	64.454 ug/ml
13) T	Pyrene (C20.8)	11.978	473144	3.135 ug/ml
14) T	Benzo[a]anthracene (C...	13.836	6933546	52.264 ug/ml
15) T	Chrysene (C27.41)	13.885	510503	3.491 ug/ml
16) T	benzo[b]fluoranthene ...	15.374	5436939	39.789 ug/ml
17) T	Bnezo[k]fluoranthene ...	15.374	5436939	39.278 ug/ml
18) T	Benzo[a]pyrene (C31.34)	15.717	5842927	44.824 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	17.081	4916106	40.344 ug/ml
20) T	Dibenz[a,h]anthracene...	17.159	271846	2.235 ug/ml
21) T	Benzo[g,h,i]perylene ...	17.334	5022262	39.113 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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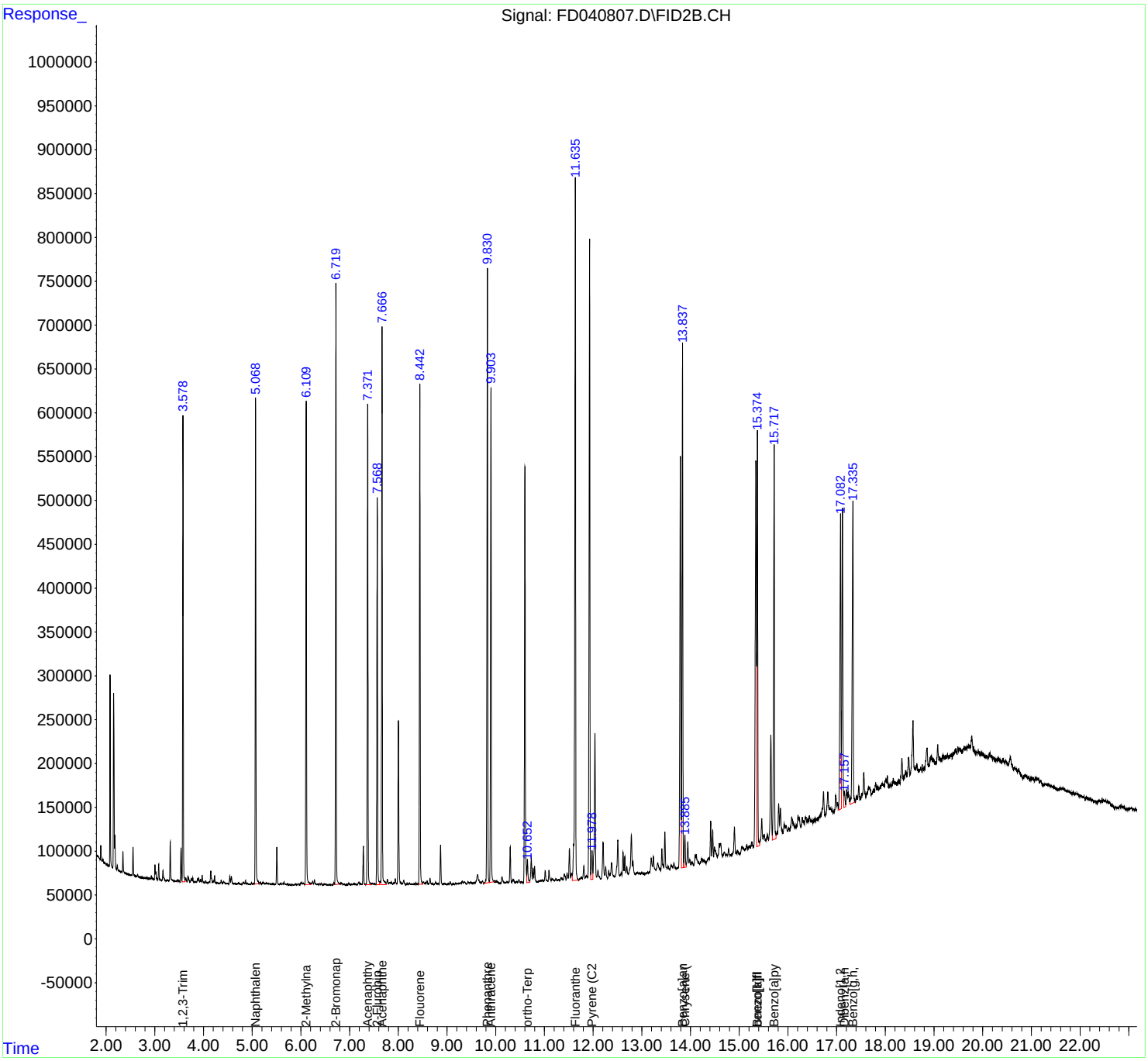
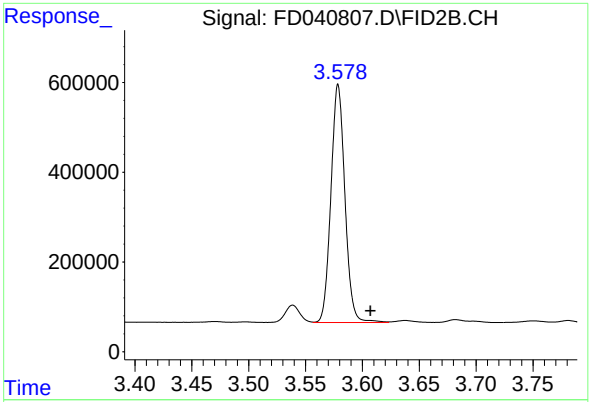
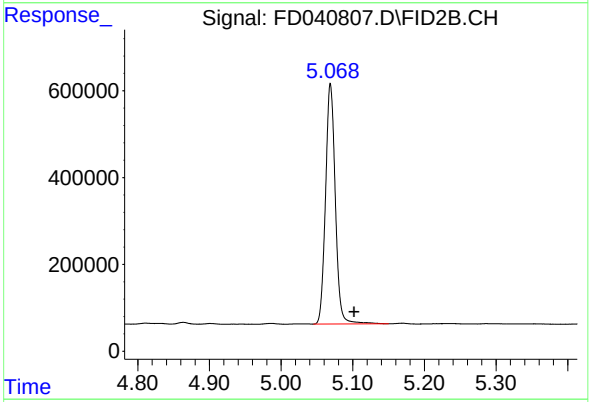




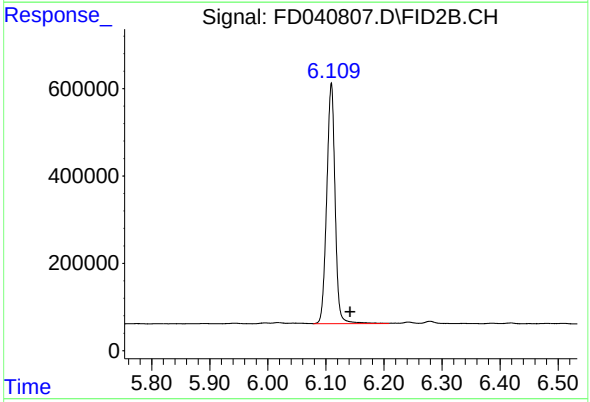
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.579 min
Delta R.T.: -0.028 min
Response: 4546433
Conc: 29.39 ug/ml



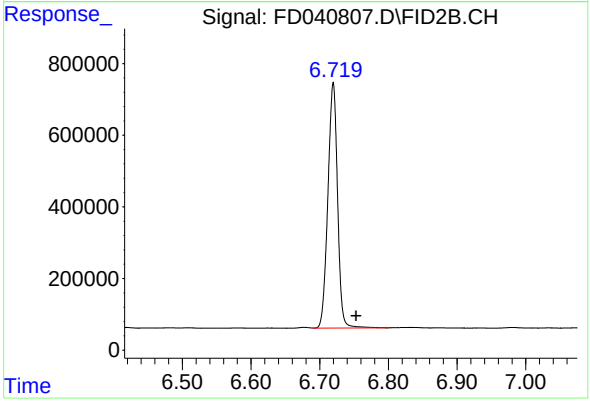
#2 Naphthalene (C11.7)

R.T.: 5.069 min
Delta R.T.: -0.033 min
Response: 5253758
Conc: 32.83 ug/ml



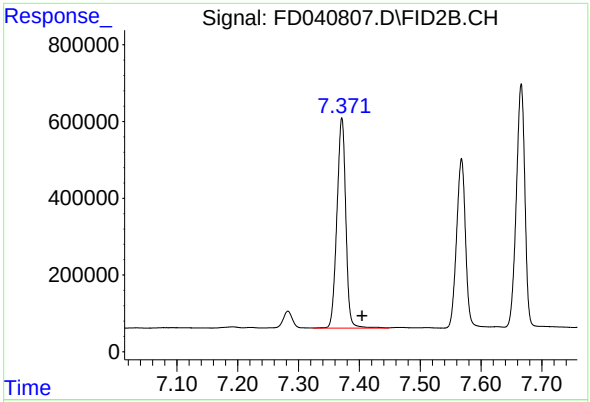
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.109 min
Delta R.T.: -0.033 min
Response: 5517693
Conc: 33.99 ug/ml



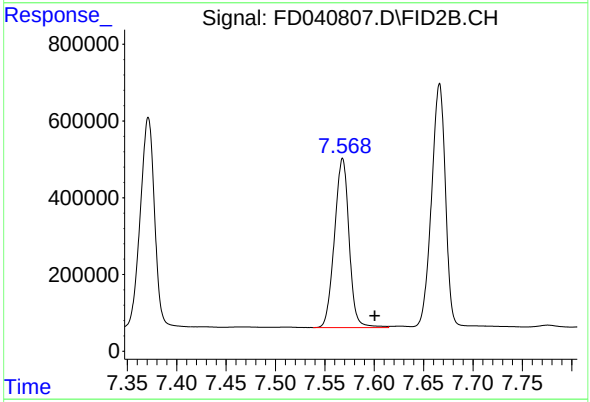
#4 2-Bromonaphthalene (SURR)

R.T.: 6.720 min
Delta R.T.: -0.033 min
Response: 6683109
Conc: 46.73 ug/ml



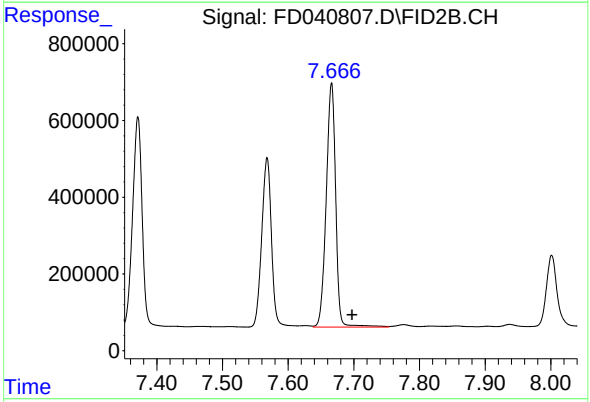
#5 Acenaphthylene (C15.06)

R.T.: 7.371 min
Delta R.T.: -0.033 min
Response: 5559076
Conc: 36.98 ug/ml



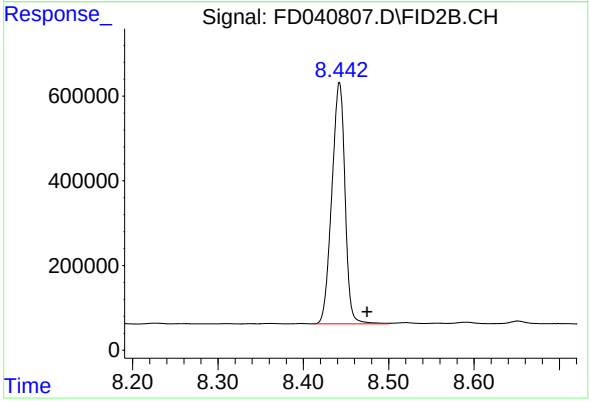
#6 2-Flurobiphenyl (SURR)

R.T.: 7.568 min
Delta R.T.: -0.033 min
Response: 4540701
Conc: 47.69 ug/ml



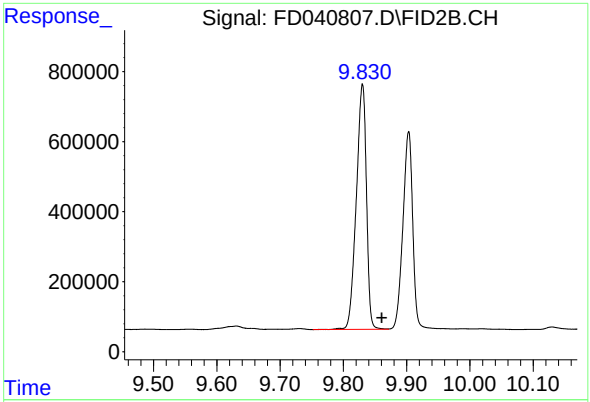
#7 Acenaphthene (C15.5)

R.T.: 7.666 min
Delta R.T.: -0.032 min
Response: 6365502
Conc: 39.49 ug/ml



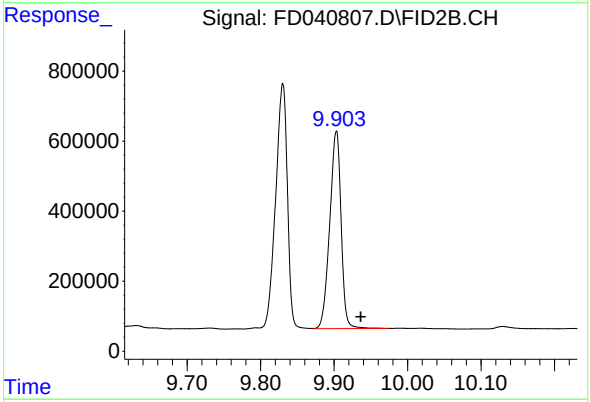
#8 Flouorene (C16.55)

R.T.: 8.442 min
Delta R.T.: -0.033 min
Response: 6123224
Conc: 39.40 ug/ml



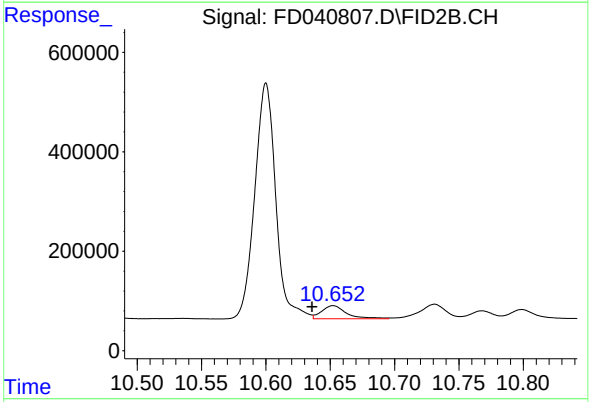
#9 Phenanthrene (C19.36)

R.T.: 9.830 min
Delta R.T.: -0.031 min
Response: 7808565
Conc: 50.76 ug/ml



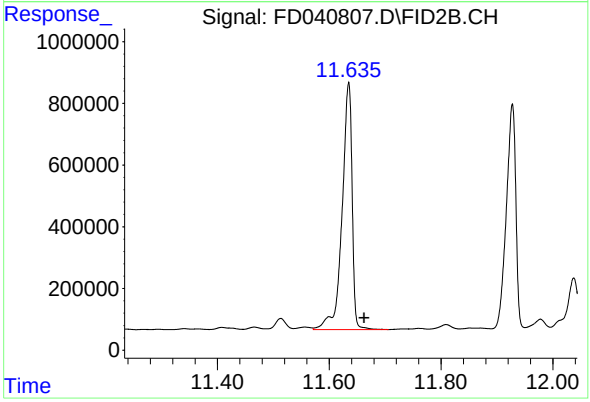
#10 Anthracene (C19.43)

R.T.: 9.903 min
Delta R.T.: -0.033 min
Response: 6066570
Conc: 41.52 ug/ml



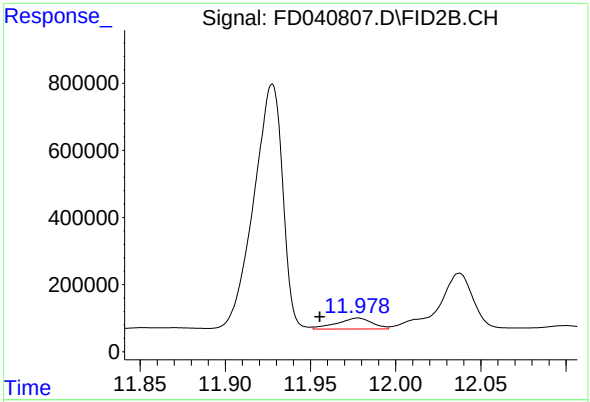
#11 ortho-Terphenyl (SURR)

R.T.: 10.652 min
Delta R.T.: 0.016 min
Response: 353797
Conc: 2.26 ug/ml



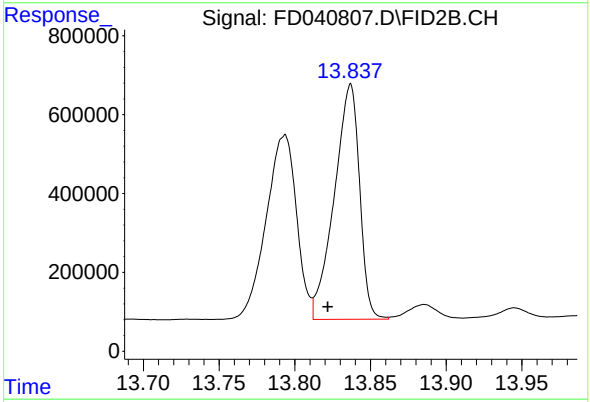
#12 Fluoranthene (C21.85)

R.T.: 11.634 min
Delta R.T.: -0.028 min
Response: 10008147
Conc: 64.45 ug/ml



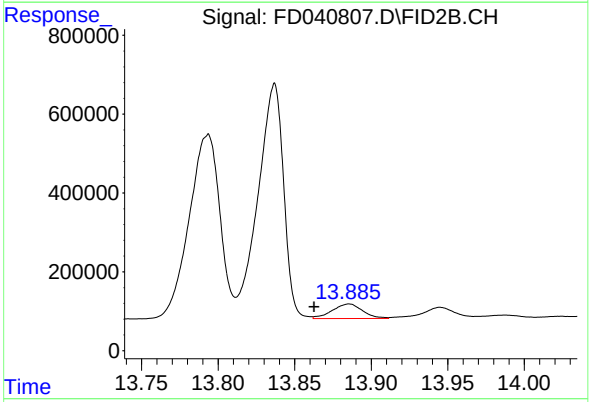
#13 Pyrene (C20.8)

R.T.: 11.978 min
Delta R.T.: 0.022 min
Response: 473144
Conc: 3.13 ug/ml



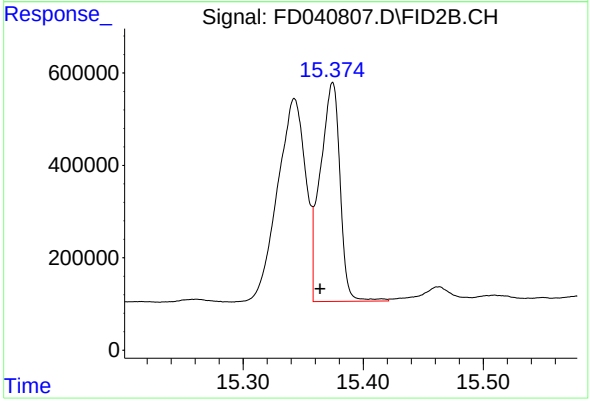
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.836 min
Delta R.T.: 0.015 min
Response: 6933546
Conc: 52.26 ug/ml



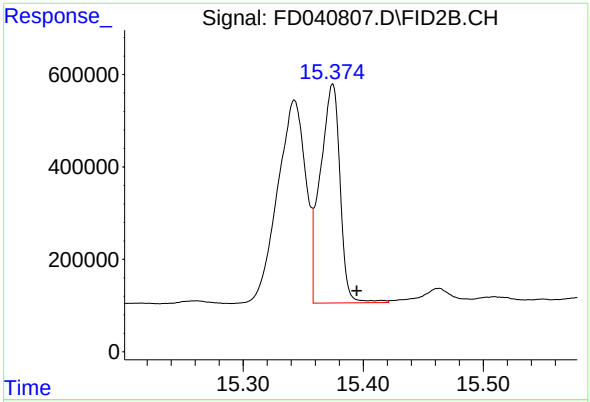
#15 Chrysene (C27.41)

R.T.: 13.885 min
Delta R.T.: 0.023 min
Response: 510503
Conc: 3.49 ug/ml



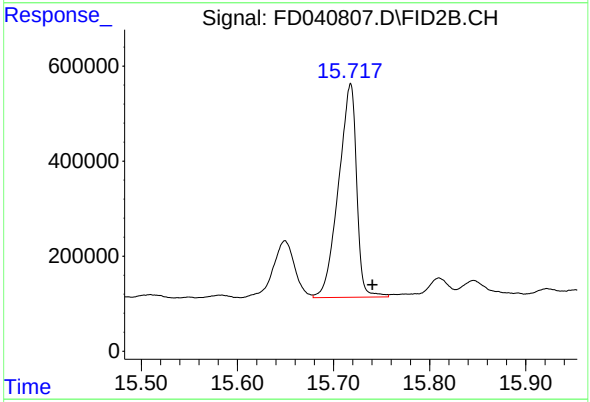
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.374 min
Delta R.T.: 0.010 min
Response: 5436939
Conc: 39.79 ug/ml



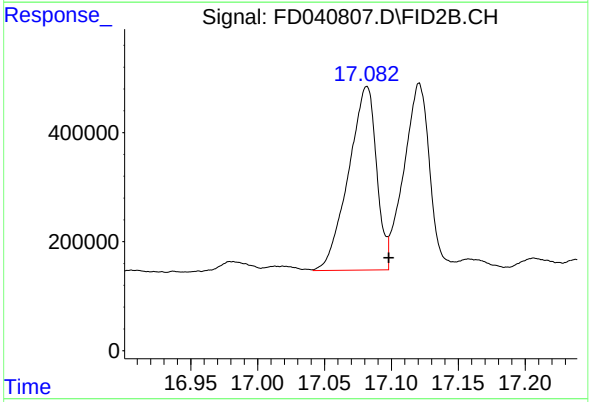
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.374 min
Delta R.T.: -0.021 min
Response: 5436939
Conc: 39.28 ug/ml



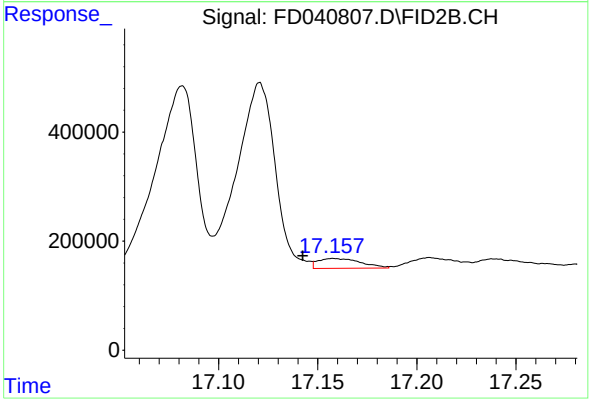
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.717 min
Delta R.T.: -0.023 min
Response: 5842927
Conc: 44.82 ug/ml



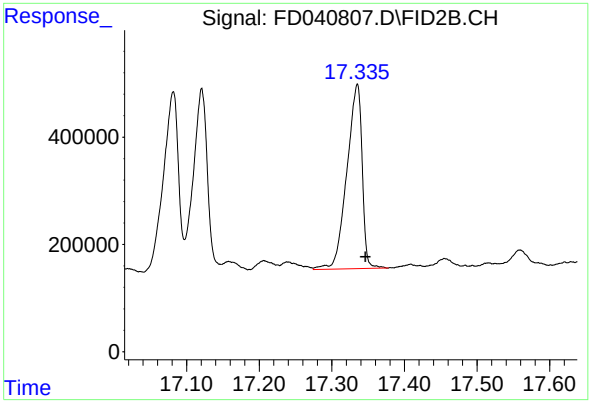
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.081 min
Delta R.T.: -0.017 min
Response: 4916106
Conc: 40.34 ug/ml



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

R.T.: 17.159 min
Delta R.T.: 0.016 min
Response: 271846
Conc: 2.23 ug/ml



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

R.T.:	17.334 min
Delta R.T.:	-0.012 min
Response:	5022262
Conc:	39.11 ug/ml