

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062725AR\
 Data File : FD049535.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2025 18:16
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 28 02:41:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.734	2388905	18.736 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
6) S 2-Fluorobiphenyl (SURR)	8.599	1716386	19.331 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.66%
11) S ortho-Terphenyl (SURR)	11.643	3074711	19.388 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2323857	20.009 ug/ml
2) T Naphthalene (C11.7)	6.072	2646233	19.715 ug/ml
3) T 2-Methylnaphthalene (...)	7.124	2759394	19.531 ug/ml
5) T Acenaphthylene (C15.06)	8.403	2908726	18.606 ug/ml
7) T Acenaphthene (C15.5)	8.698	2907589	19.406 ug/ml
8) T Flouorene (C16.55)	9.479	2967676	19.291 ug/ml
9) T Phenanthrene (C19.36)	10.877	3103235	19.473 ug/ml
10) T Anthracene (C19.43)	10.951	2999994	19.108 ug/ml
12) T Fluoranthene (C21.85)	12.691	3128307	19.757 ug/ml
13) T Pyrene (C20.8)	12.988	3124494	19.749 ug/ml
14) T Benzo[a]anthracene (C...	14.859	2909288	19.713 ug/ml
15) T Chrysene (C27.41)	14.902	2945687	19.762 ug/ml
16) T benzo[b]fluoranthene ...	16.410	2803511	19.952 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	2648393	19.940 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.788	2716955	19.873 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.150	2428783	19.838 ug/ml
20) T Dibenz[a,h]anthracene...	18.191	2598171	20.288 ug/ml
21) T Benzo[g,h,i]perylene ...	18.407	2566572	20.078 ug/ml

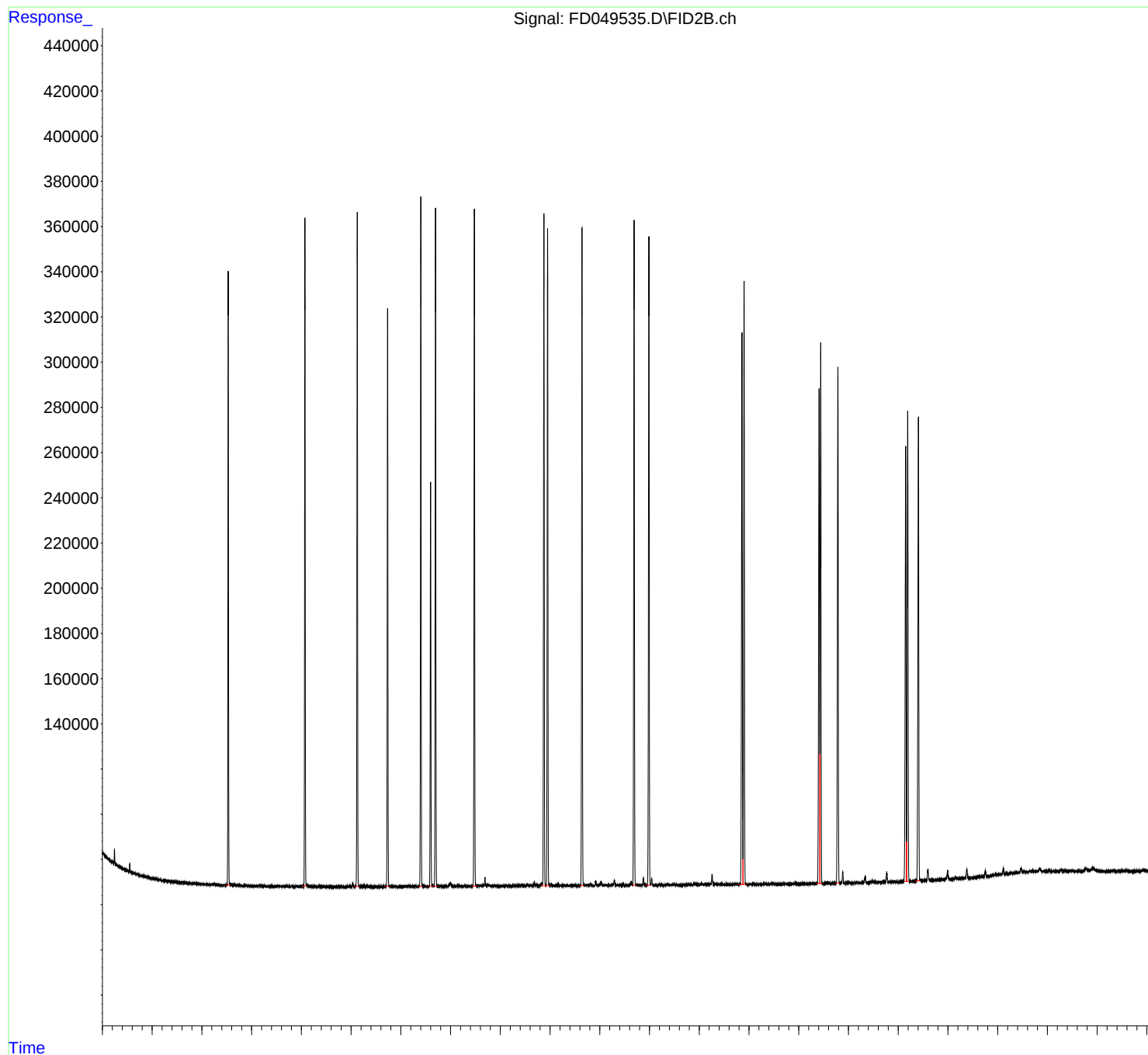
(f)=RT Delta > 1/2 Window

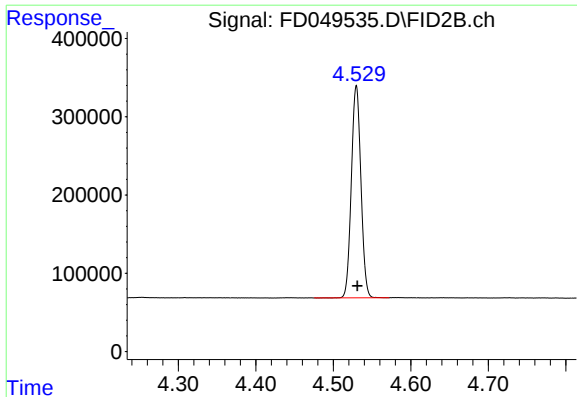
(m)=manual int.

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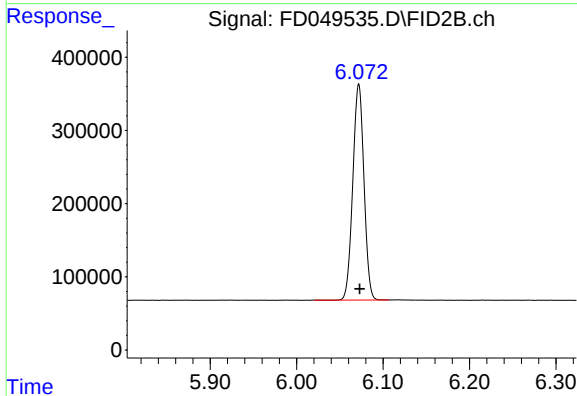
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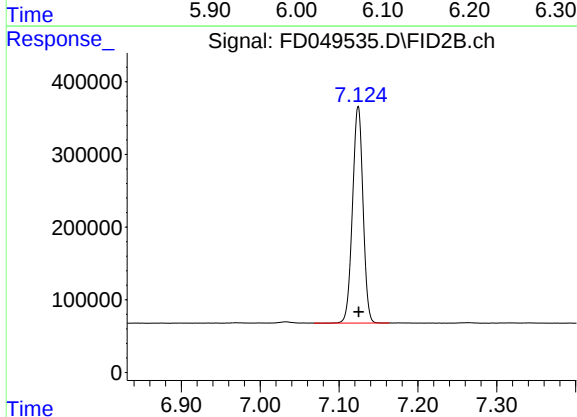
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 2323857
Conc: 20.01 ug/ml



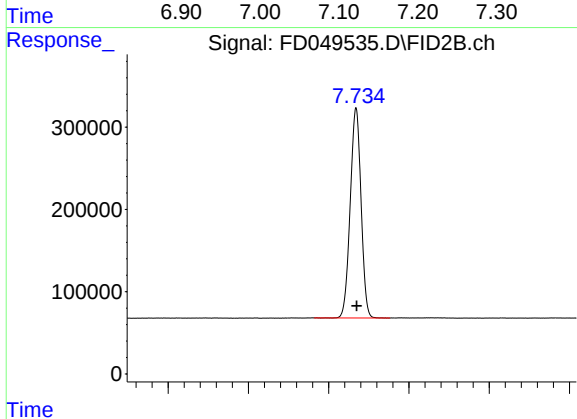
#2 Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 2646233
Conc: 19.71 ug/ml



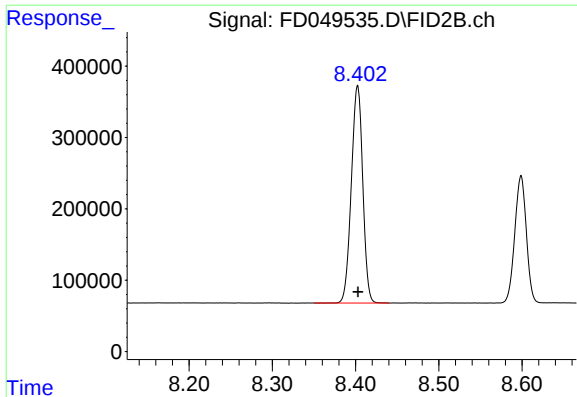
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 2759394
Conc: 19.53 ug/ml



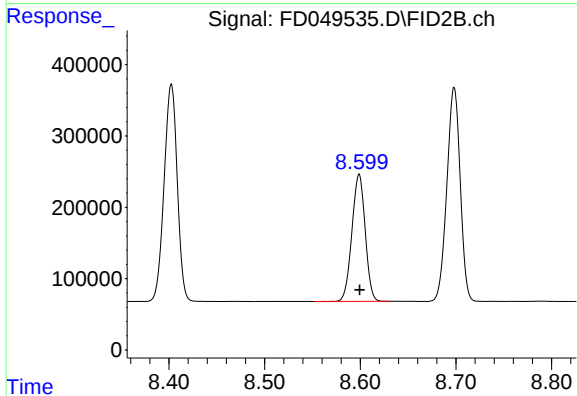
#4 2-Bromonaphthalene (SURR)

R.T.: 7.734 min
Delta R.T.: 0.000 min
Response: 2388905
Conc: 18.74 ug/ml



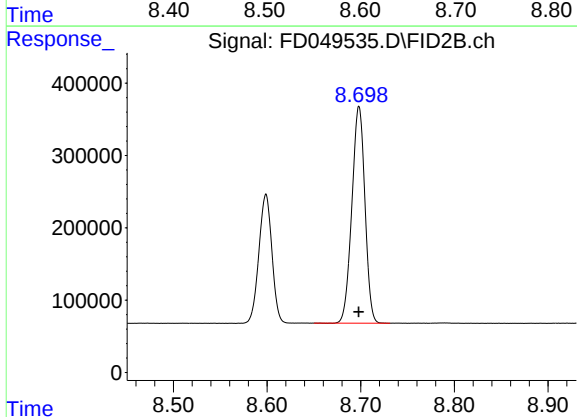
#5 Acenaphthylene (C15.06)

R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 2908726
Conc: 18.61 ug/ml



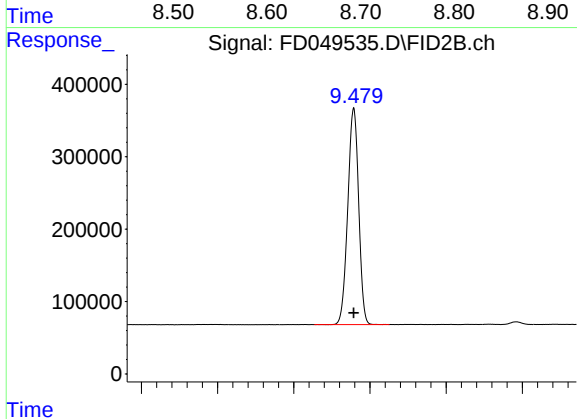
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 1716386
Conc: 19.33 ug/ml



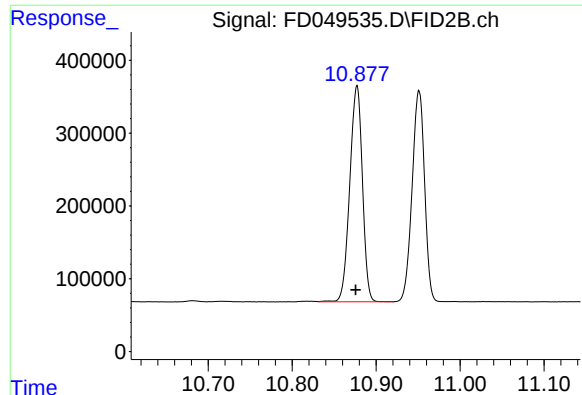
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 2907589
Conc: 19.41 ug/ml



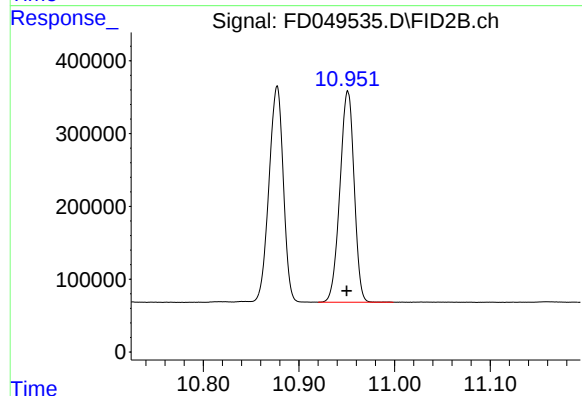
#8 Fluorene (C16.55)

R.T.: 9.479 min
Delta R.T.: 0.000 min
Response: 2967676
Conc: 19.29 ug/ml



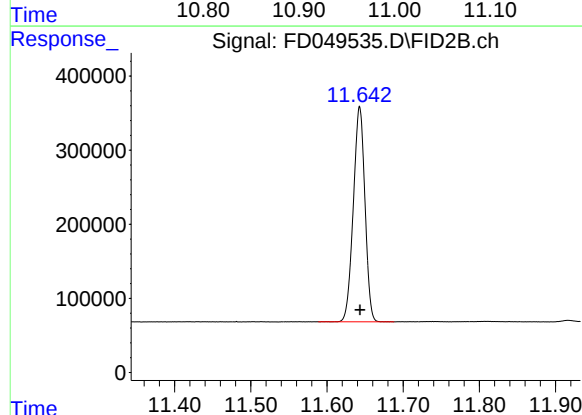
#9 Phenanthrene (C19.36)

R.T.: 10.877 min
Delta R.T.: 0.002 min
Response: 3103235
Conc: 19.47 ug/ml



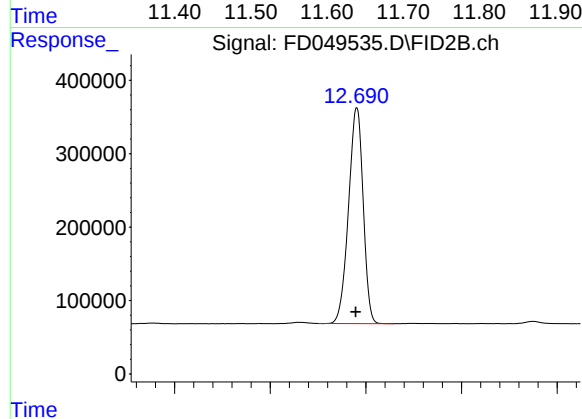
#10 Anthracene (C19.43)

R.T.: 10.951 min
Delta R.T.: 0.001 min
Response: 2999994
Conc: 19.11 ug/ml



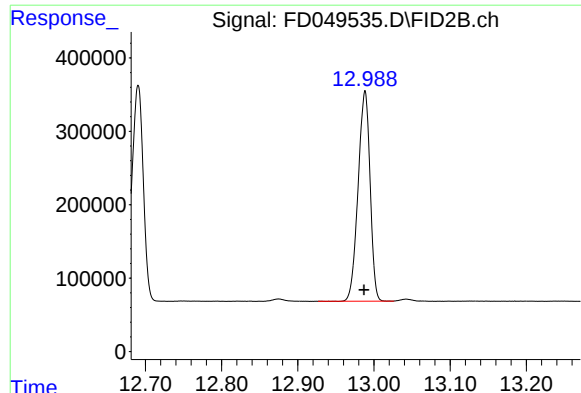
#11 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 3074711
Conc: 19.39 ug/ml



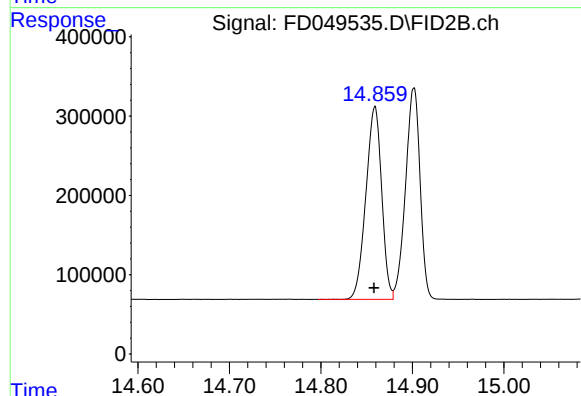
#12 Fluoranthene (C21.85)

R.T.: 12.691 min
Delta R.T.: 0.001 min
Response: 3128307
Conc: 19.76 ug/ml



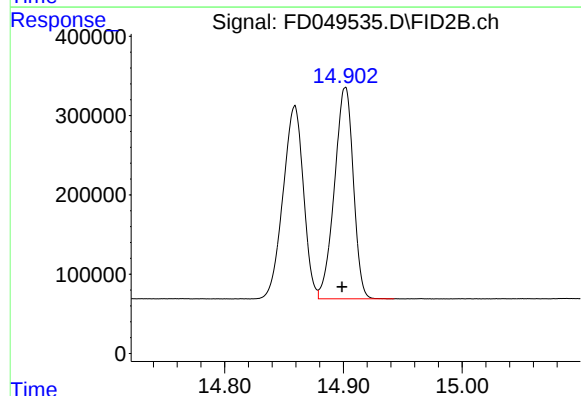
#13 Pyrene (C20.8)

R.T.: 12.988 min
Delta R.T.: 0.001 min
Response: 3124494
Conc: 19.75 ug/ml



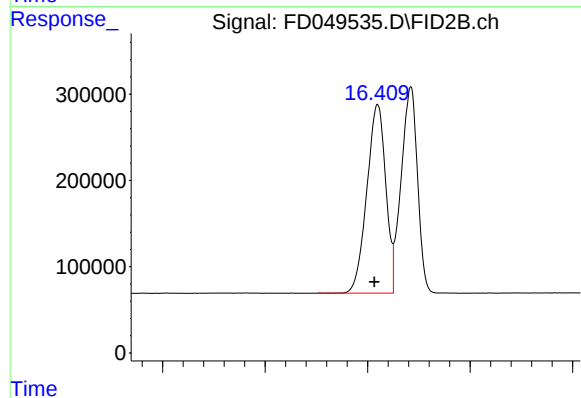
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.859 min
Delta R.T.: 0.001 min
Response: 2909288
Conc: 19.71 ug/ml



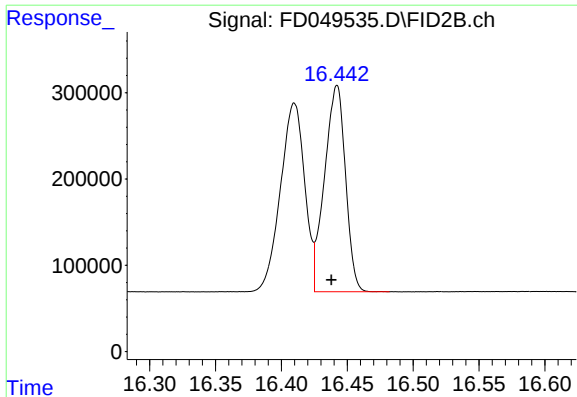
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: 0.003 min
Response: 2945687
Conc: 19.76 ug/ml



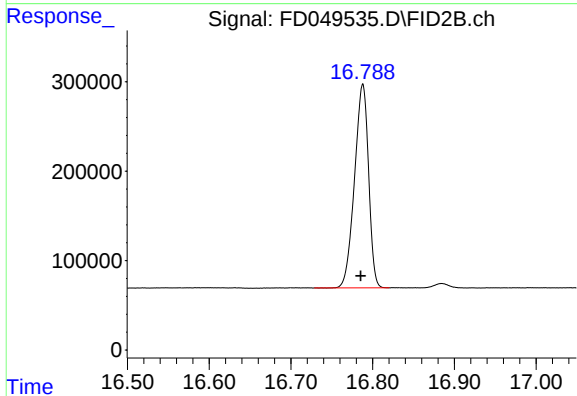
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.410 min
Delta R.T.: 0.003 min
Response: 2803511
Conc: 19.95 ug/ml



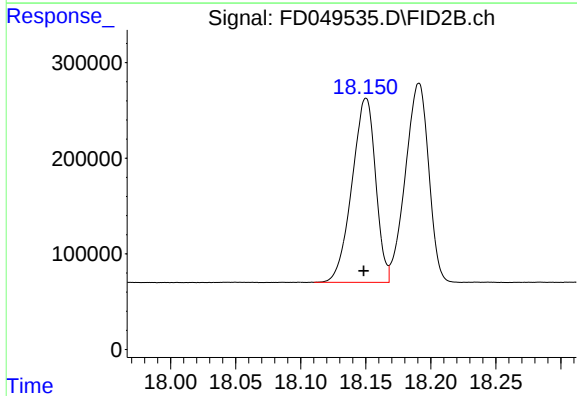
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.442 min
Delta R.T.: 0.004 min
Response: 2648393
Conc: 19.94 ug/ml



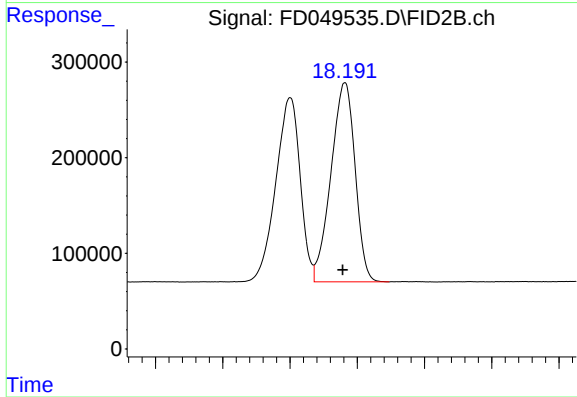
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.788 min
Delta R.T.: 0.002 min
Response: 2716955
Conc: 19.87 ug/ml



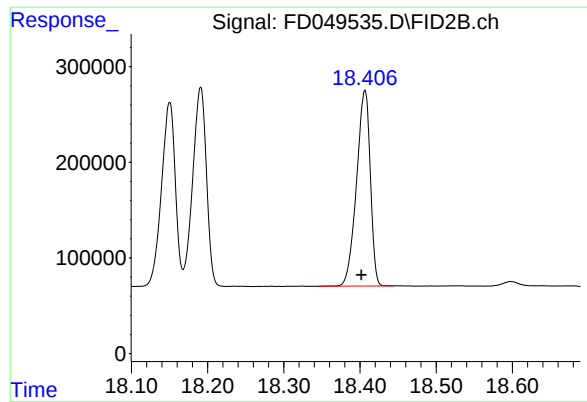
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.150 min
Delta R.T.: 0.002 min
Response: 2428783
Conc: 19.84 ug/ml



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

R.T.: 18.191 min
Delta R.T.: 0.002 min
Response: 2598171
Conc: 20.29 ug/ml



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

R.T.: 18.407 min
Delta R.T.: 0.005 min
Response: 2566572
Conc: 20.08 ug/ml