

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101722AR\
 Data File : FD044149.D
 Signal(s) : FID2B.ch
 Acq On : 17 Oct 2022 14:07
 Operator : YP/AJ
 Sample : N4955-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 18 03:32:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.416	7184335	57.865 ug/ml
Spiked Amount 50.000		Recovery =	115.73%
6) S 2-Fluorobiphenyl (SURR)	8.271	4676365	62.104 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	124.21%
11) S ortho-Terphenyl (SURR)	11.305	7860488	46.440 ug/ml
Spiked Amount 50.000		Recovery =	92.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.227	477600	3.384 ug/mlm
2) T Naphthalene (C11.7)	5.766	451646	3.294 ug/ml
3) T 2-Methylnaphthalene (...)	6.812	459082	3.238 ug/ml
5) T Acenaphthylene (C15.06)	8.077	532655	3.797 ug/ml
7) T Acenaphthene (C15.5)	8.367	732537	4.711 ug/ml
8) T Flouorene (C16.55)	9.153	530948	3.774 ug/ml
9) T Phenanthrene (C19.36)	10.544	516281	3.834 ug/ml
10) T Anthracene (C19.43)	10.623	523954	3.899 ug/ml
12) T Fluoranthene (C21.85)	12.348	572091	4.284 ug/ml
13) T Pyrene (C20.8)	12.641	515433	4.081 ug/ml
14) T Benzo[a]anthracene (C...	14.514	415053	3.908 ug/ml
15) T Chrysene (C27.41)	14.554	696175	5.311 ug/ml
16) T benzo[b]fluoranthene ...	16.059	461430	4.112 ug/ml
17) T Bnezo[k]fluoranthene ...	16.089	604071	4.748 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.445	413453	3.558 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.806	470039	4.409 ug/ml
20) T Dibenz[a,h]anthracene...	17.843	584097	4.721 ug/ml
21) T Benzo[g,h,i]perylene ...	18.054	515653	4.392 ug/ml

(f)=RT Delta > 1/2 Window

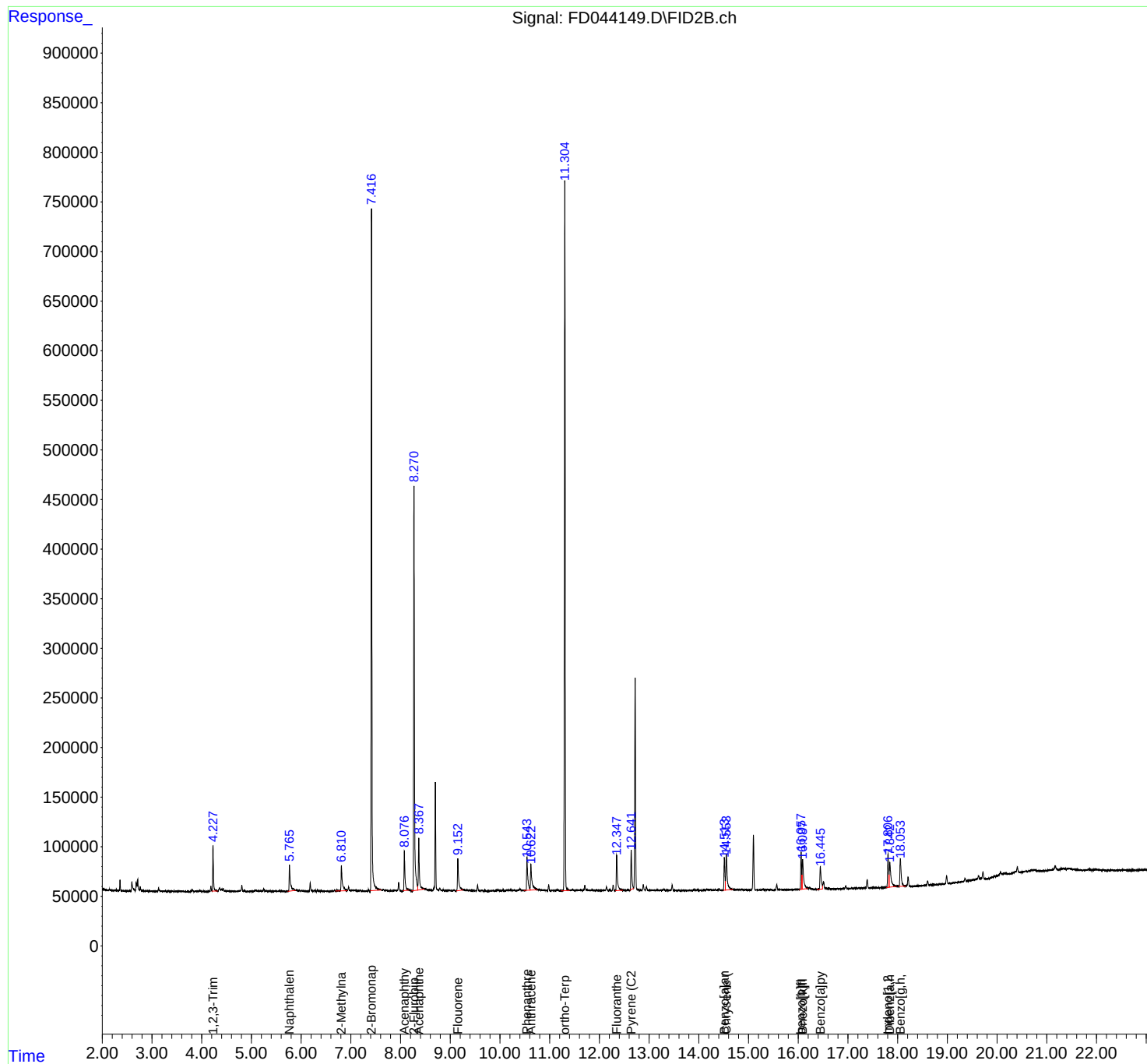
(m)=manual int.

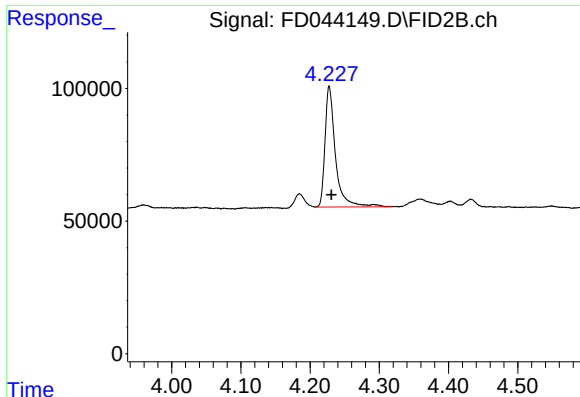
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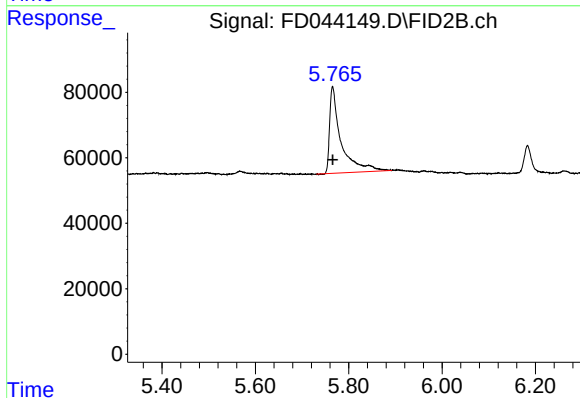




#1 1,2,3-Trimethylbenzene (C10.1)

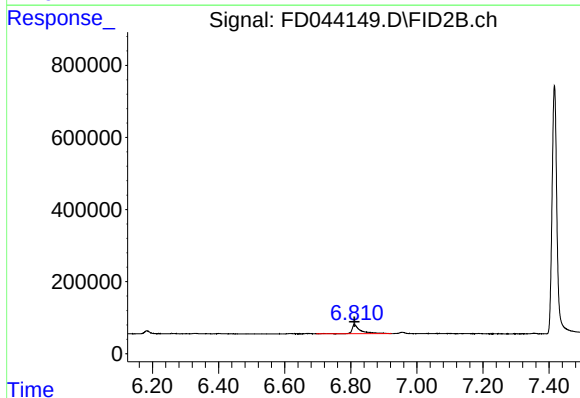
R.T.: 4.227 min
Delta R.T.: -0.004 min
Response: 477600
Conc: 3.38 ug/ml

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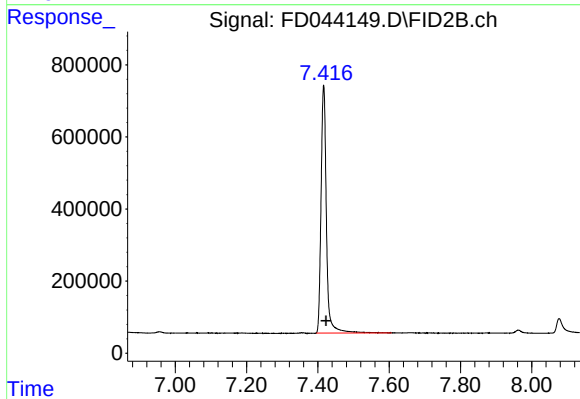
#2 Naphthalene (C11.7)

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 451646
Conc: 3.29 ug/ml



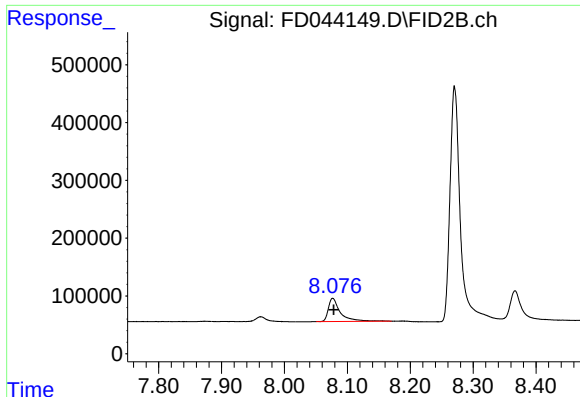
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 459082
Conc: 3.24 ug/ml



#4 2-Bromonaphthalene (SURR)

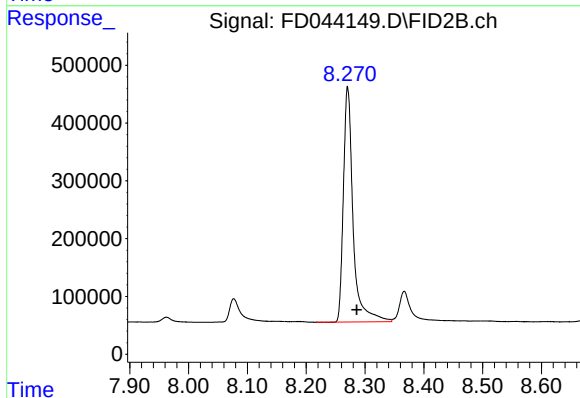
R.T.: 7.416 min
Delta R.T.: -0.007 min
Response: 7184335
Conc: 57.86 ug/ml



#5 Acenaphthylene (C15.06)

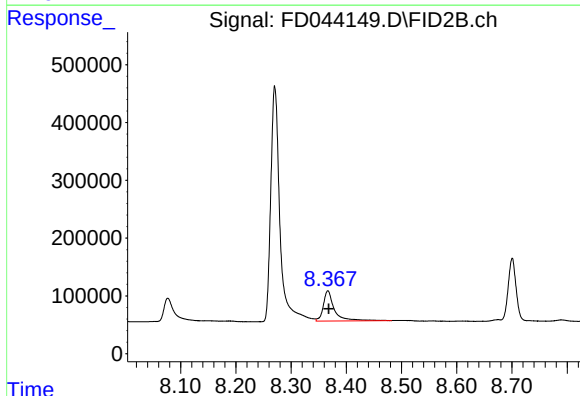
R.T.: 8.077 min
Delta R.T.: -0.001 min
Response: 532655
Conc: 3.80 ug/ml

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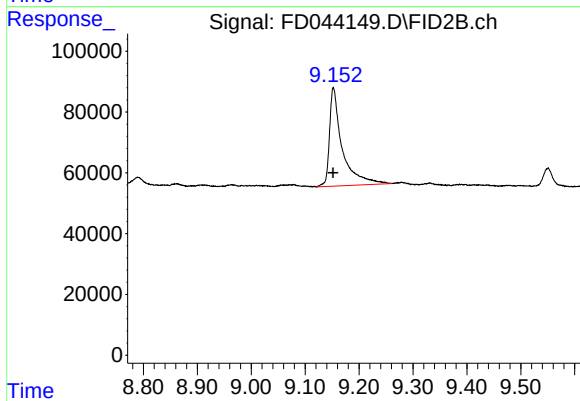
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.271 min
Delta R.T.: -0.015 min
Response: 4676365
Conc: 62.10 ug/ml



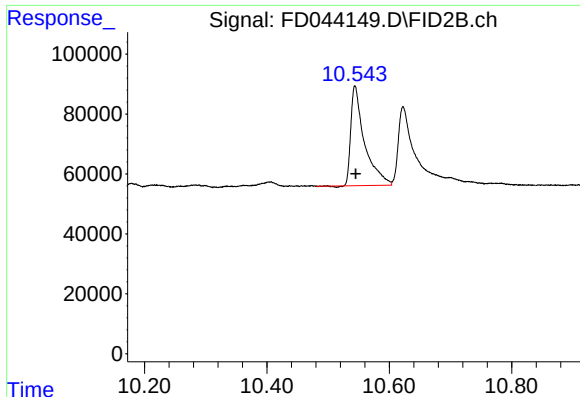
#7 Acenaphthene (C15.5)

R.T.: 8.367 min
Delta R.T.: -0.001 min
Response: 732537
Conc: 4.71 ug/ml



#8 Fluorene (C16.55)

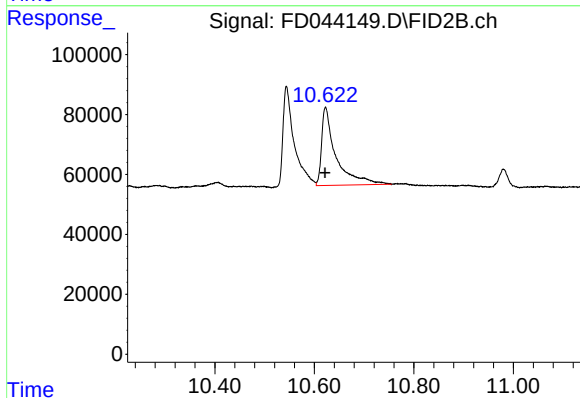
R.T.: 9.153 min
Delta R.T.: 0.001 min
Response: 530948
Conc: 3.77 ug/ml



#9 Phenanthrene (C19.36)

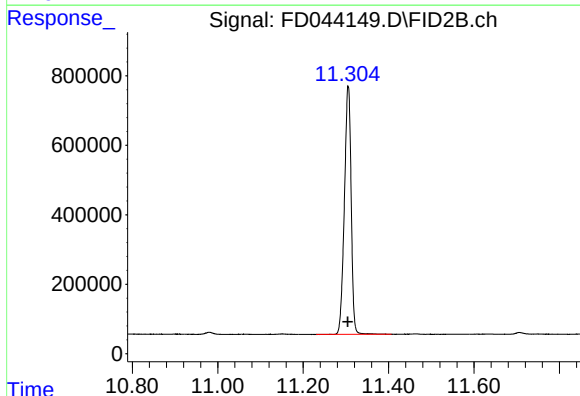
R.T.: 10.544 min
Delta R.T.: 0.000 min
Response: 516281
Conc: 3.83 ug/ml

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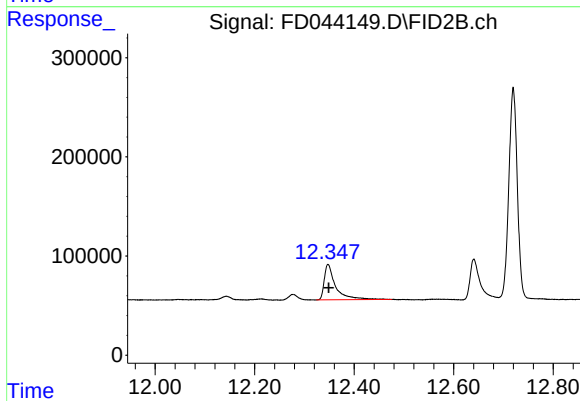
#10 Anthracene (C19.43)

R.T.: 10.623 min
Delta R.T.: 0.001 min
Response: 523954
Conc: 3.90 ug/ml



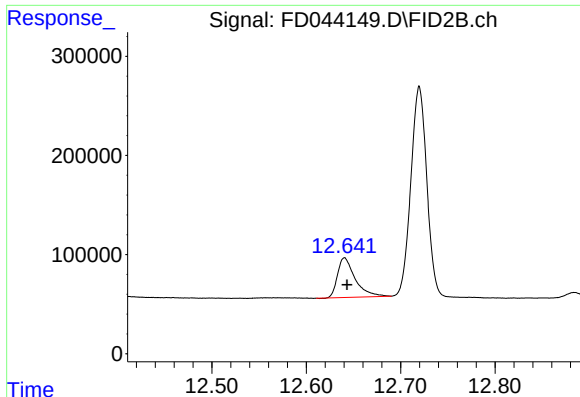
#11 ortho-Terphenyl (SURR)

R.T.: 11.305 min
Delta R.T.: 0.000 min
Response: 7860488
Conc: 46.44 ug/ml



#12 Fluoranthene (C21.85)

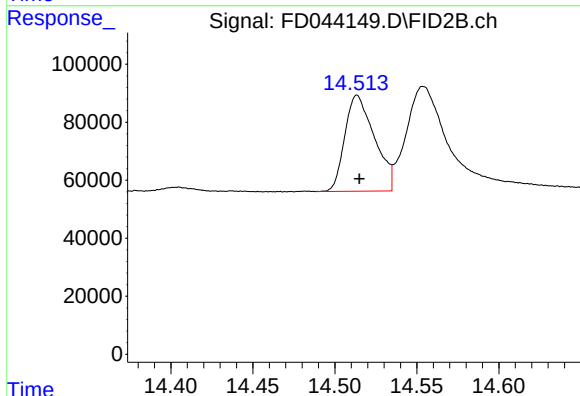
R.T.: 12.348 min
Delta R.T.: 0.000 min
Response: 572091
Conc: 4.28 ug/ml



#13 Pyrene (C20.8)

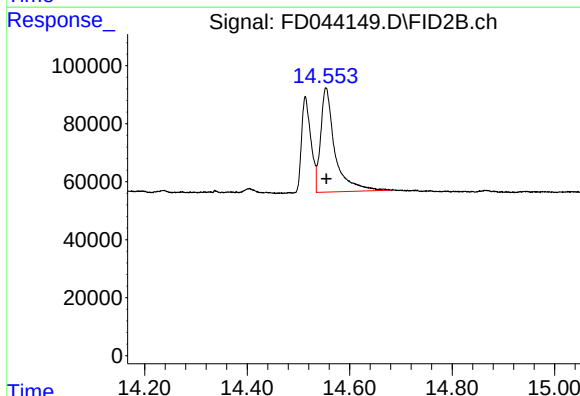
R.T.: 12.641 min
Delta R.T.: -0.002 min
Response: 515433
Conc: 4.08 ug/ml

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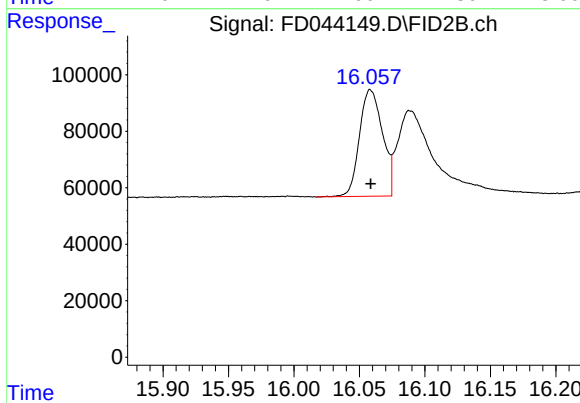
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.514 min
Delta R.T.: 0.000 min
Response: 415053
Conc: 3.91 ug/ml



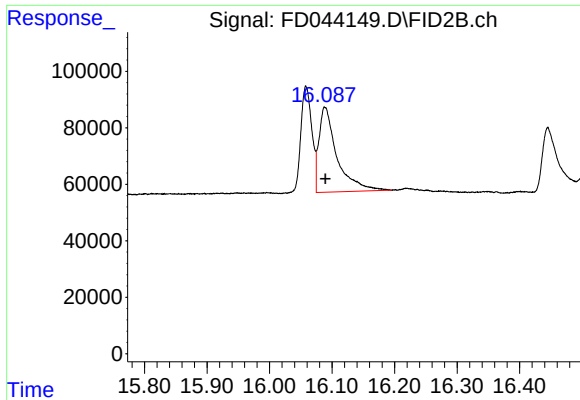
#15 Chrysene (C27.41)

R.T.: 14.554 min
Delta R.T.: 0.000 min
Response: 696175
Conc: 5.31 ug/ml



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

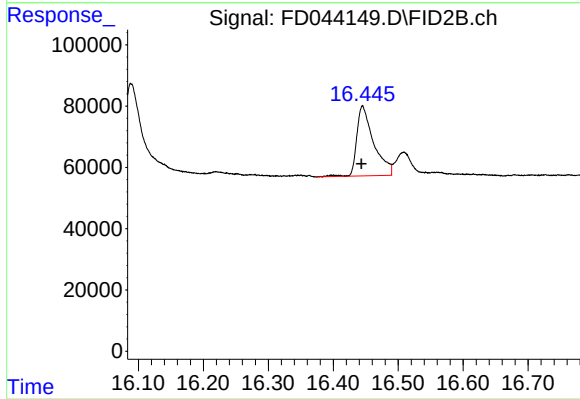
R.T.: 16.059 min
Delta R.T.: 0.000 min
Response: 461430
Conc: 4.11 ug/ml



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

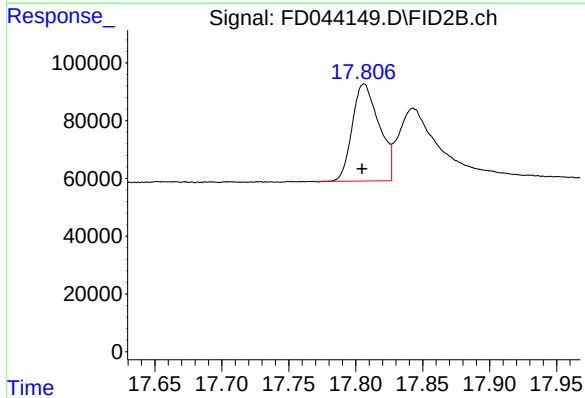
R.T.: 16.089 min
Delta R.T.: 0.000 min
Response: 604071
Conc: 4.75 ug/ml

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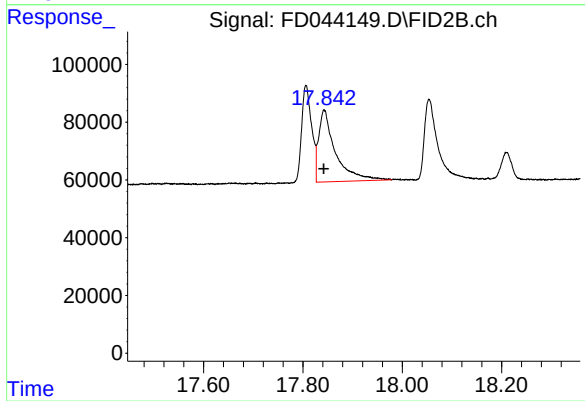
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.445 min
Delta R.T.: 0.002 min
Response: 413453
Conc: 3.56 ug/ml



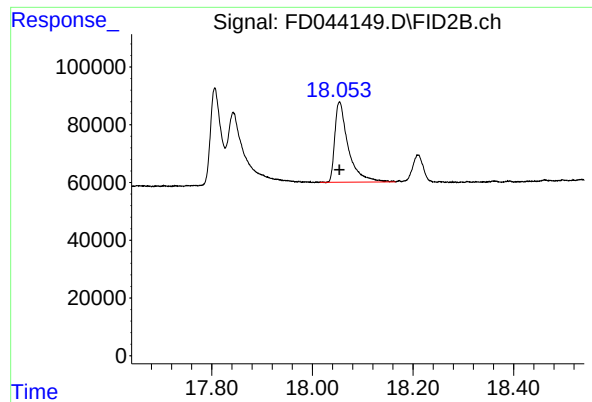
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.806 min
Delta R.T.: 0.002 min
Response: 470039
Conc: 4.41 ug/ml



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

R.T.: 17.843 min
Delta R.T.: 0.001 min
Response: 584097
Conc: 4.72 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.000 min
Response: 515653
Conc: 4.39 ug/ml

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