

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102922AR\
 Data File : FD044347.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2022 01:46
 Operator : YP/AJ
 Sample : N5313-03MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EPH-1-SW-QUARTERMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: sample.E
 Quant Time: Oct 30 09:30:22 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...	7.412	5317691	42.830 ug/ml
Spiked Amount 50.000		Recovery =	85.66%
6) S 2-Fluorobiphenyl (SURR)	8.269	3220767	42.773 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.55%
11) S ortho-Terphenyl (SURR)	11.293	5652902	33.398 ug/ml
Spiked Amount 50.000		Recovery =	66.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.221	4041790	28.635 ug/mlm
2) T Naphthalene (C11.7)	5.754	4813781	35.113 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	4793053	33.811 ug/ml
5) T Acenaphthylene (C15.06)	8.068	5305031	37.816 ug/ml
7) T Acenaphthene (C15.5)	8.359	6165974	39.651 ug/ml
8) T Flouorene (C16.55)	9.141	5565431	39.561 ug/ml
9) T Phenanthrene (C19.36)	10.532	5702724	42.345 ug/ml
10) T Anthracene (C19.43)	10.609	5733562	42.670 ug/ml
12) T Fluoranthene (C21.85)	12.337	5650944	42.313 ug/ml
13) T Pyrene (C20.8)	12.630	5276047	41.770 ug/mlm
14) T Benzo[a]anthracene (C...	14.502	4772361	44.930 ug/ml
15) T Chrysene (C27.41)	14.543	5945703	45.356 ug/ml
16) T benzo[b]fluoranthene ...	16.050	4815690	42.910 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	5259079	41.336 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.429	3651116	31.421 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795	4299394	40.329 ug/ml
20) T Dibenz[a,h]anthracene...	17.826	5058337	40.887 ug/ml
21) T Benzo[g,h,i]perylene ...	18.044	4679209	39.858 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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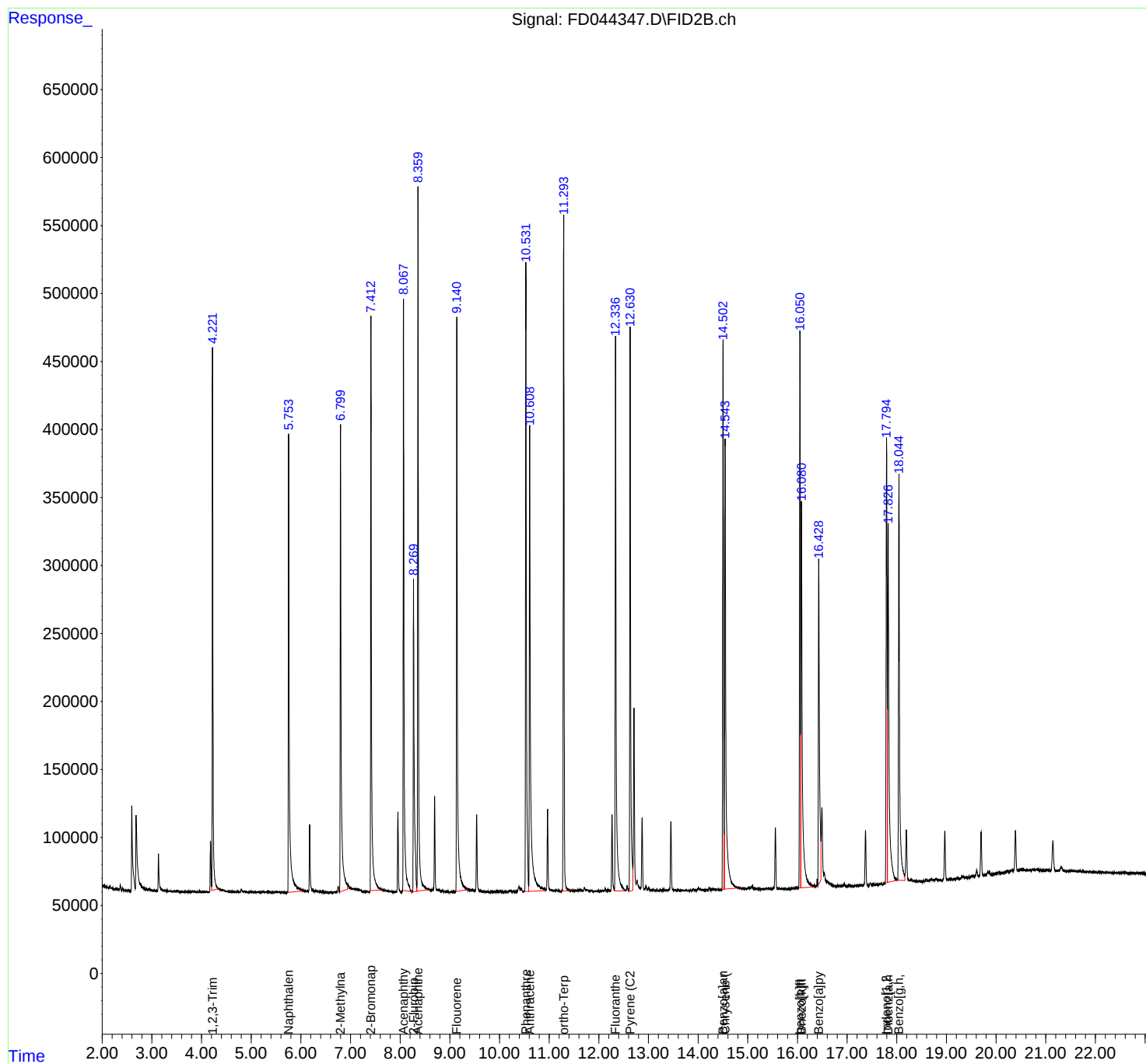
Instrument :
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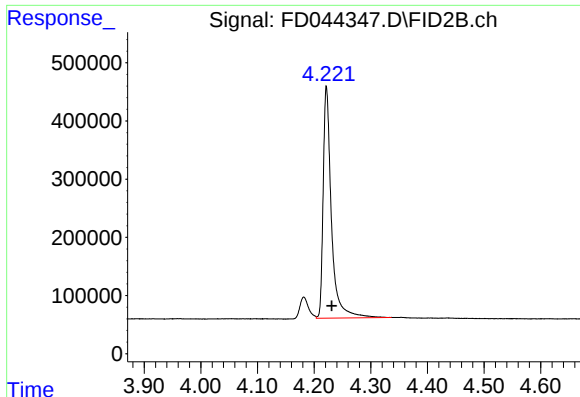
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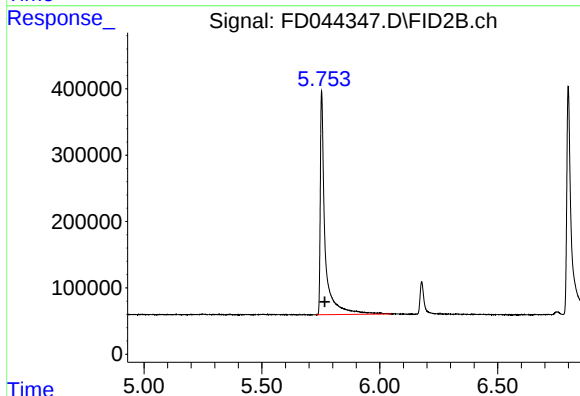
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.221 min
Delta R.T.: -0.010 min
Response: 4041790
Conc: 28.63 ug/ml

Instrument :
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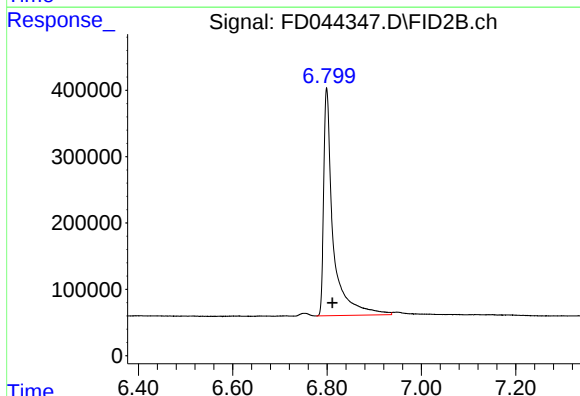
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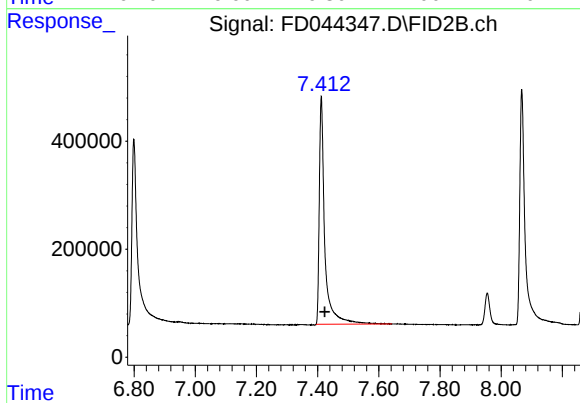
#2 Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: -0.012 min
Response: 4813781
Conc: 35.11 ug/ml



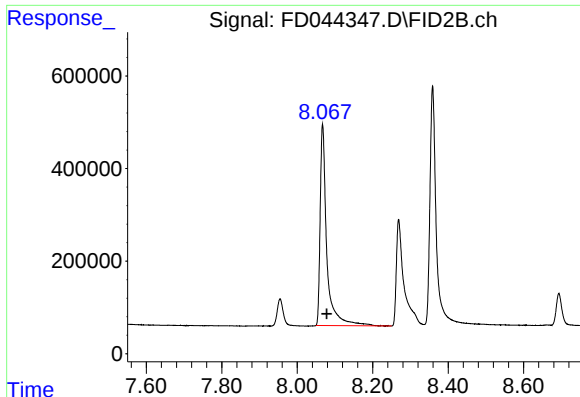
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.012 min
Response: 4793053
Conc: 33.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.412 min
Delta R.T.: -0.011 min
Response: 5317691
Conc: 42.83 ug/ml



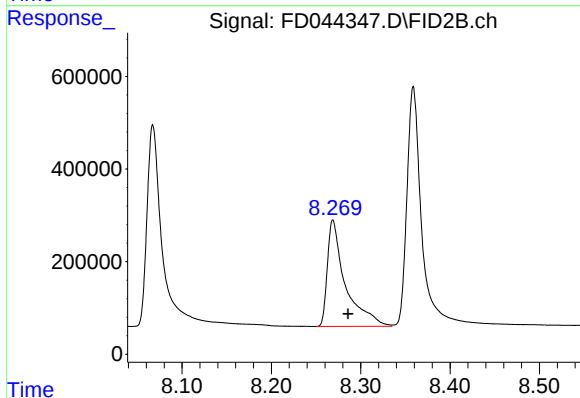
#5 Acenaphthylene (C15.06)

R.T.: 8.068 min
Delta R.T.: -0.011 min
Response: 5305031
Conc: 37.82 ug/ml

Instrument :
FID_D
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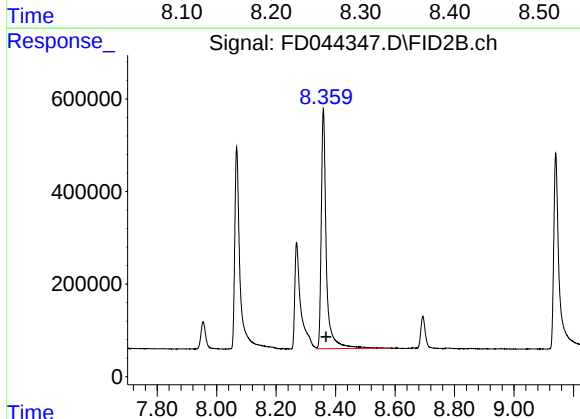
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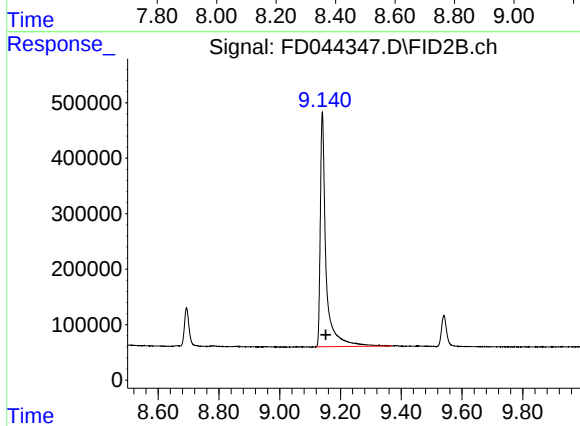
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.269 min
Delta R.T.: -0.016 min
Response: 3220767
Conc: 42.77 ug/ml



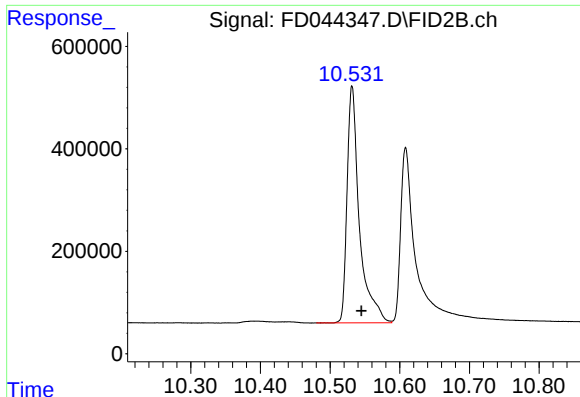
#7 Acenaphthene (C15.5)

R.T.: 8.359 min
Delta R.T.: -0.009 min
Response: 6165974
Conc: 39.65 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.141 min
Delta R.T.: -0.011 min
Response: 5565431
Conc: 39.56 ug/ml



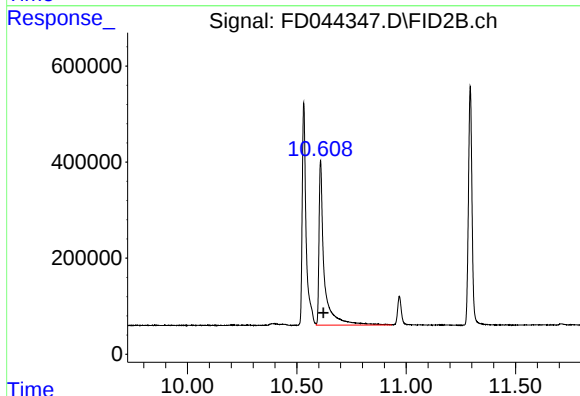
#9 Phenanthrene (C19.36)

R.T.: 10.532 min
Delta R.T.: -0.013 min
Response: 5702724
Conc: 42.35 ug/ml

Instrument :
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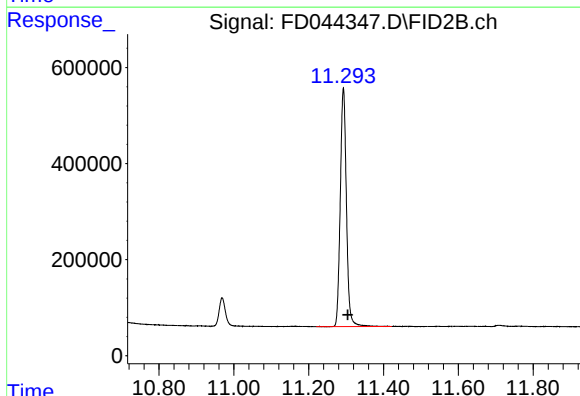
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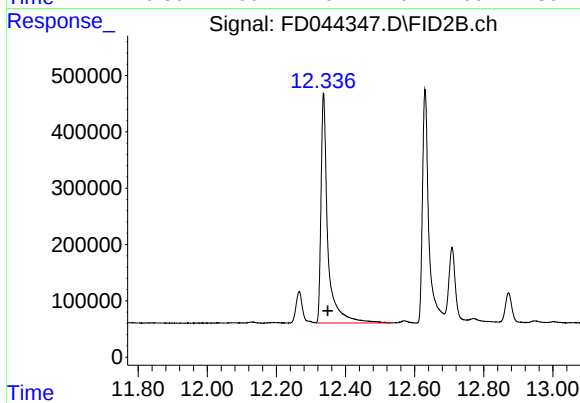
#10 Anthracene (C19.43)

R.T.: 10.609 min
Delta R.T.: -0.013 min
Response: 5733562
Conc: 42.67 ug/ml



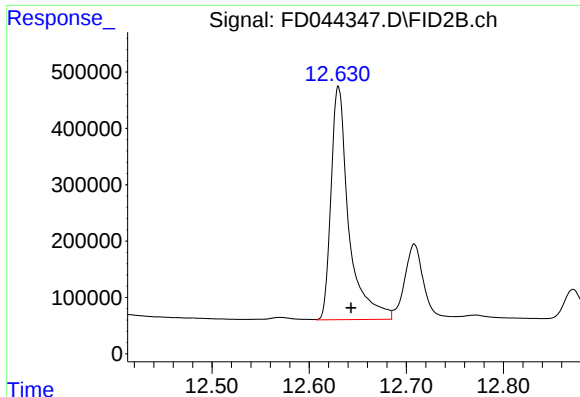
#11 ortho-Terphenyl (SURR)

R.T.: 11.293 min
Delta R.T.: -0.012 min
Response: 5652902
Conc: 33.40 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.337 min
Delta R.T.: -0.012 min
Response: 5650944
Conc: 42.31 ug/ml



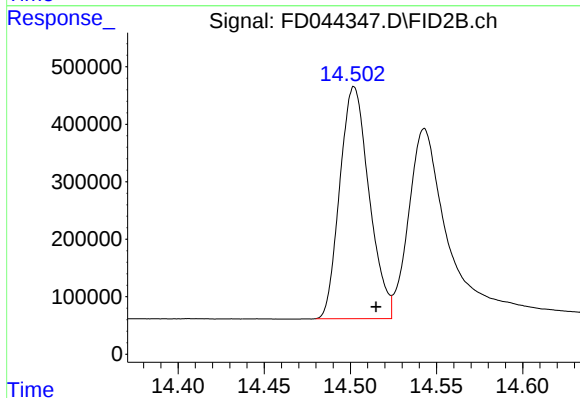
#13 Pyrene (C20.8)

R.T.: 12.630 min
Delta R.T.: -0.014 min
Response: 5276047
Conc: 41.77 ug/ml

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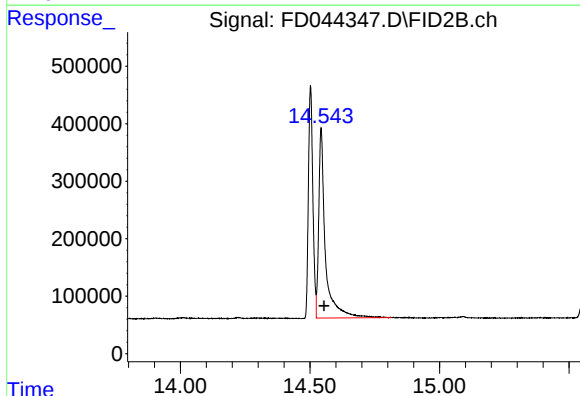
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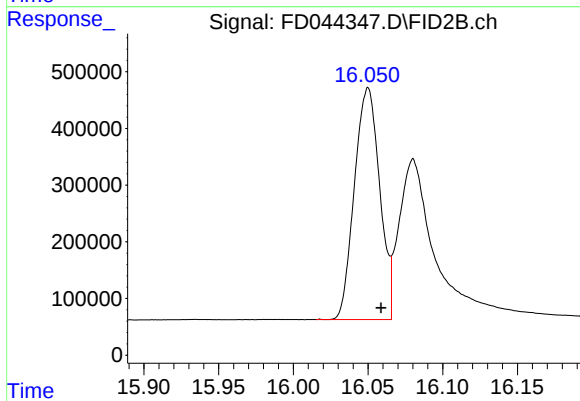
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.502 min
Delta R.T.: -0.013 min
Response: 4772361
Conc: 44.93 ug/ml



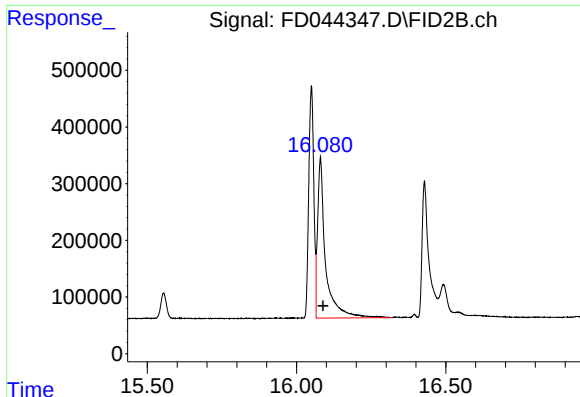
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: -0.012 min
Response: 5945703
Conc: 45.36 ug/ml



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

R.T.: 16.050 min
Delta R.T.: -0.009 min
Response: 4815690
Conc: 42.91 ug/ml



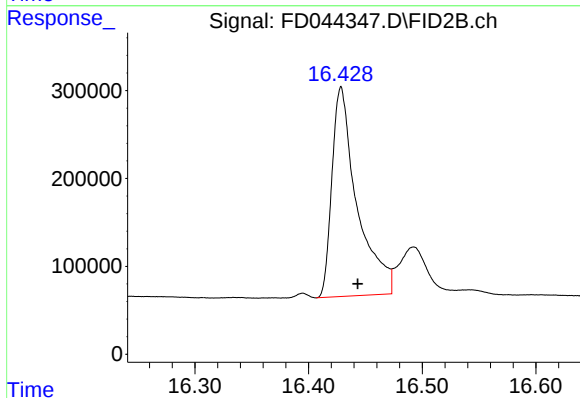
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.080 min
Delta R.T.: -0.009 min
Response: 5259079
Conc: 41.34 ug/ml

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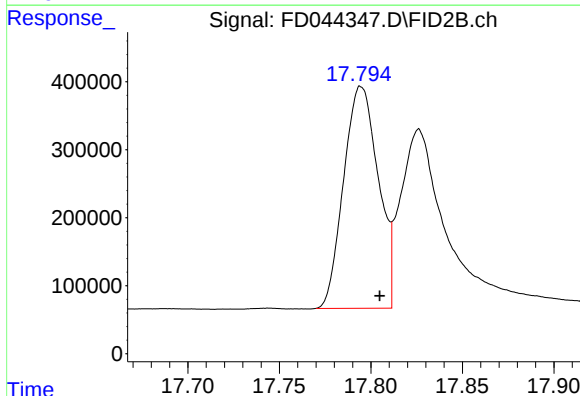
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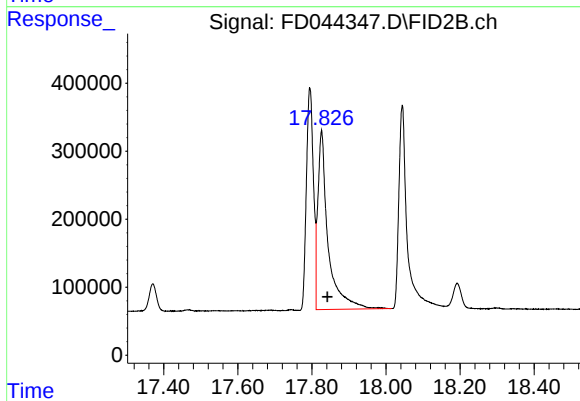
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.429 min
Delta R.T.: -0.015 min
Response: 3651116
Conc: 31.42 ug/ml



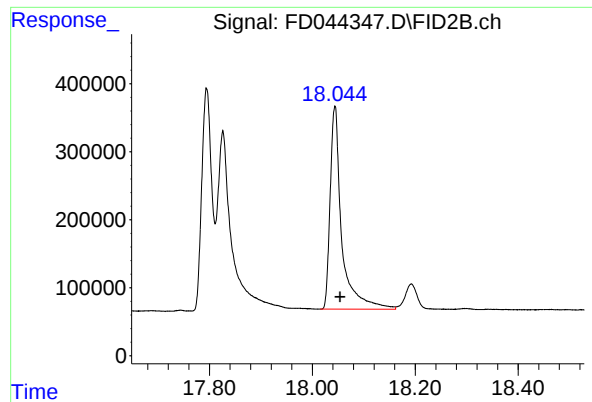
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: -0.010 min
Response: 4299394
Conc: 40.33 ug/ml



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

R.T.: 17.826 min
Delta R.T.: -0.015 min
Response: 5058337
Conc: 40.89 ug/ml



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

R.T.: 18.044 min
Delta R.T.: -0.010 min
Response: 4679209
Conc: 39.86 ug/ml

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