

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103122AR\
 Data File : FD044367.D
 Signal(s) : FID2B.ch
 Acq On : 31 Oct 2022 17:26
 Operator : YP/AJ
 Sample : N5313-03MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File: autoint1.e
 Quant Time: Oct 31 18:38:56 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...	7.409	5039349	40.589 ug/mlm
Spiked Amount 50.000		Recovery =	81.18%
6) S 2-Fluorobiphenyl (SURR)	8.267	3064491	40.698 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.40%
11) S ortho-Terphenyl (SURR)	11.292	5371922	31.738 ug/ml
Spiked Amount 50.000		Recovery =	63.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.218	3918461	27.761 ug/mlm
2) T Naphthalene (C11.7)	5.751	4519395	32.966 ug/ml
3) T 2-Methylnaphthalene (...)	6.797	4592407	32.395 ug/ml
5) T Acenaphthylene (C15.06)	8.065	4878941	34.779 ug/mlm
7) T Acenaphthene (C15.5)	8.358	5859782	37.682 ug/ml
8) T Flouorene (C16.55)	9.139	5272515	37.479 ug/ml
9) T Phenanthrene (C19.36)	10.531	5428643	40.310 ug/ml
10) T Anthracene (C19.43)	10.608	5233948	38.952 ug/ml
12) T Fluoranthene (C21.85)	12.336	5450071	40.809 ug/ml
13) T Pyrene (C20.8)	12.630	4797495	37.982 ug/ml
14) T Benzo[a]anthracene (C...	14.501	4634153	43.629 ug/ml
15) T Chrysene (C27.41)	14.543	5731362	43.721 ug/ml
16) T benzo[b]fluoranthene ...	16.049	4731323	42.159 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	5136722	40.374 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.428	3754441	32.310 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	4178699	39.197 ug/ml
20) T Dibenz[a,h]anthracene...	17.826	5000012	40.415 ug/ml
21) T Benzo[g,h,i]perylene ...	18.044	4618264	39.339 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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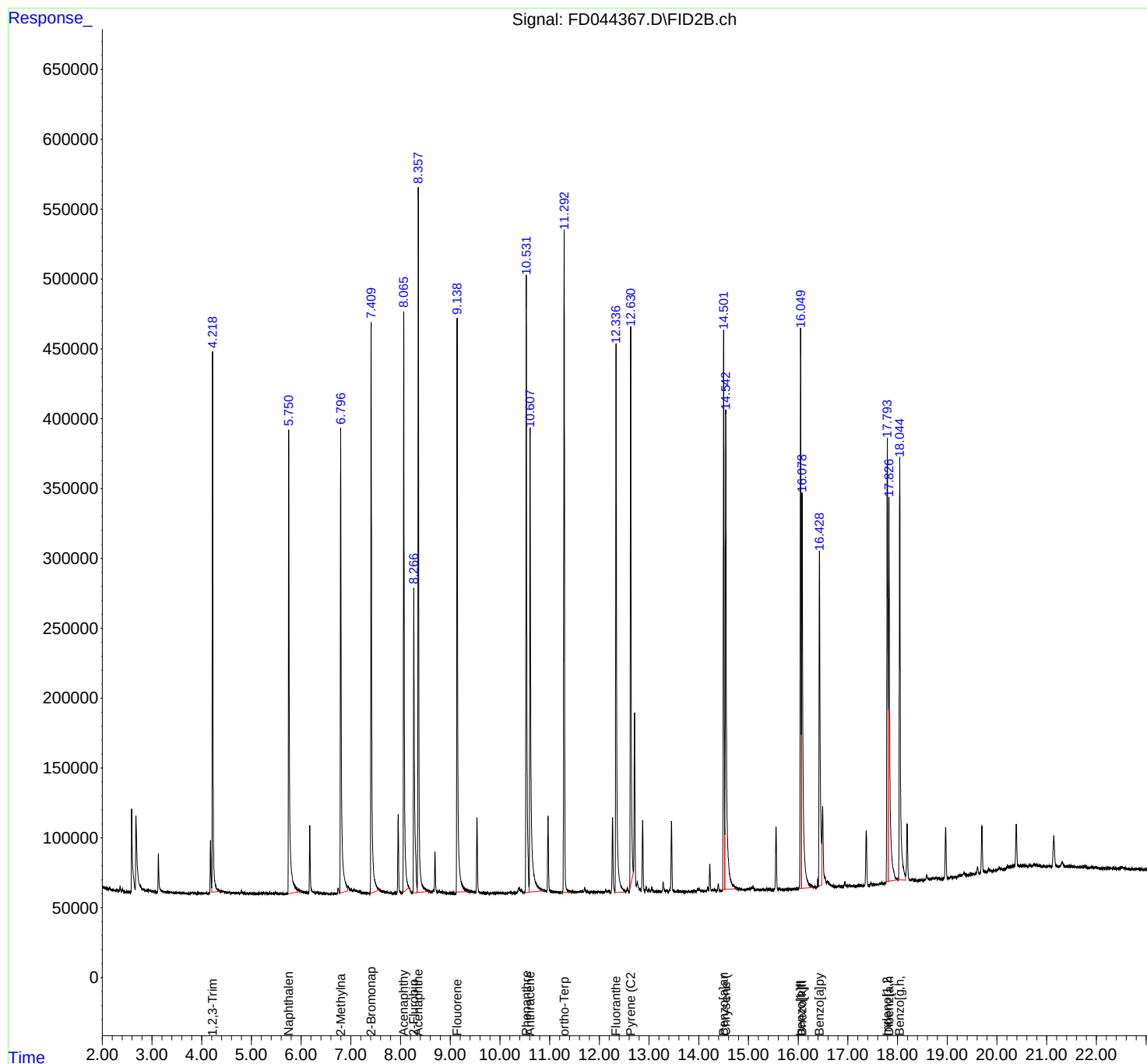
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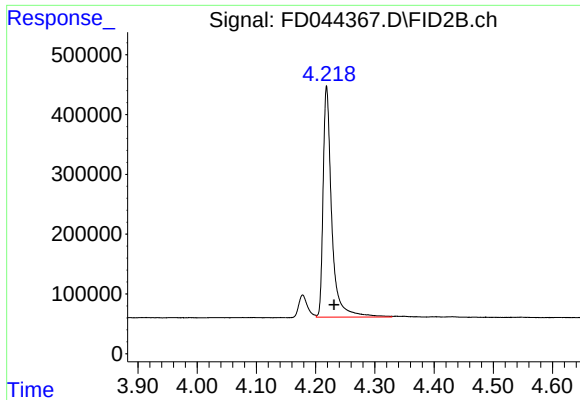
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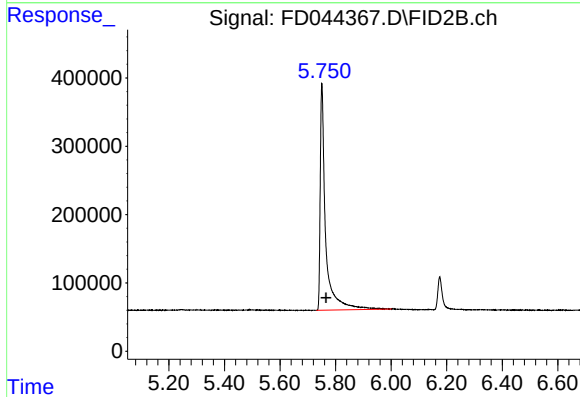
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.218 min
Delta R.T.: -0.013 min
Response: 3918461
Conc: 27.76 ug/ml

Instrument :
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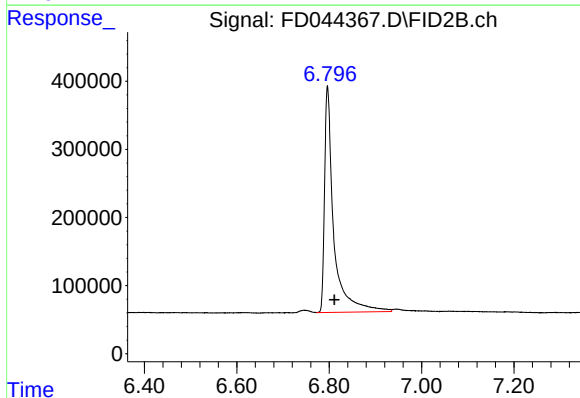
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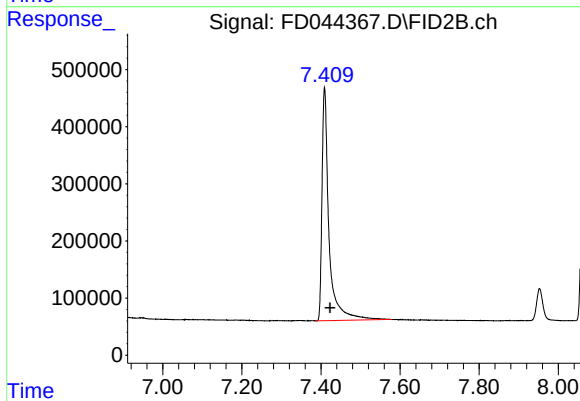
#2 Naphthalene (C11.7)

R.T.: 5.751 min
Delta R.T.: -0.015 min
Response: 4519395
Conc: 32.97 ug/ml



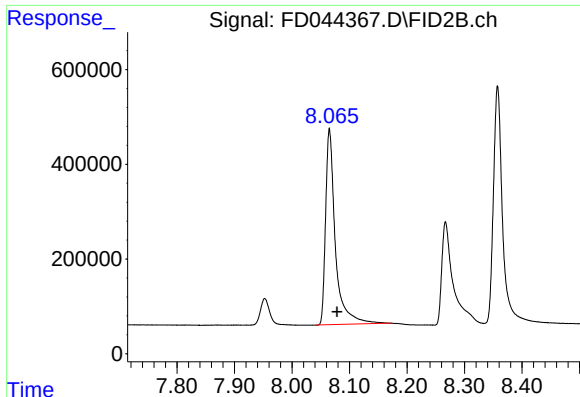
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.797 min
Delta R.T.: -0.014 min
Response: 4592407
Conc: 32.40 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.409 min
Delta R.T.: -0.015 min
Response: 5039349
Conc: 40.59 ug/ml m



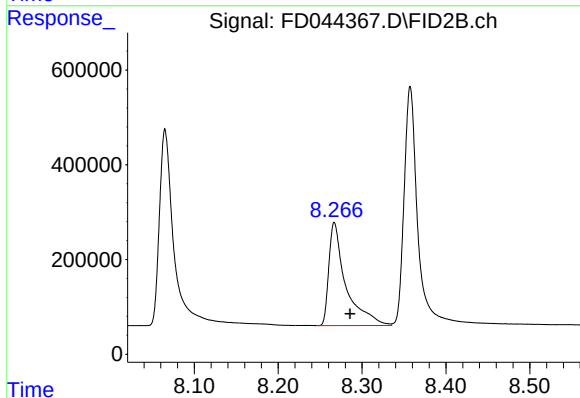
#5 Acenaphthylene (C15.06)

R.T.: 8.065 min
Delta R.T.: -0.014 min
Response: 4878941
Conc: 34.78 ug/ml

Instrument :
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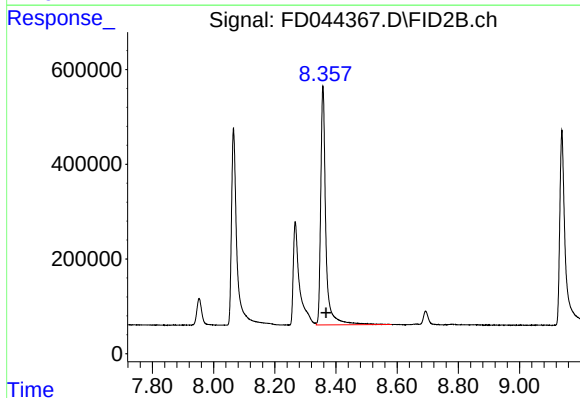
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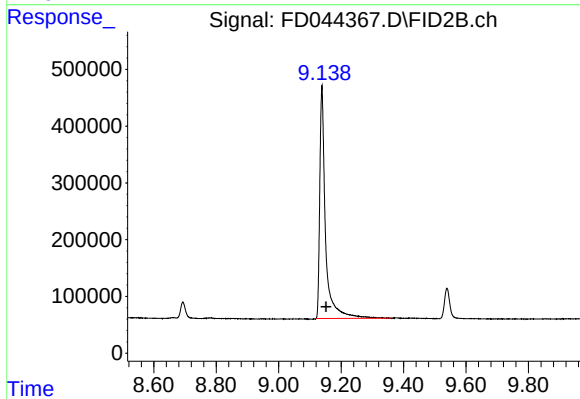
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.267 min
Delta R.T.: -0.018 min
Response: 3064491
Conc: 40.70 ug/ml



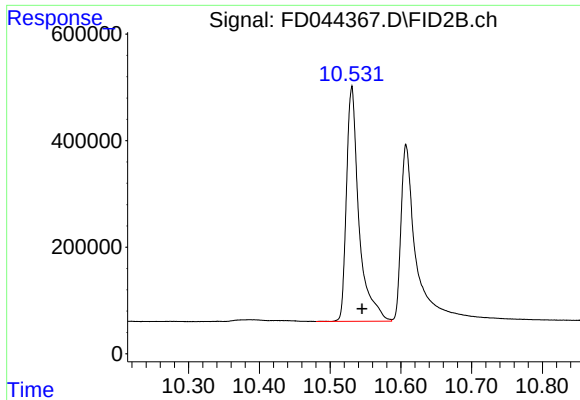
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: -0.010 min
Response: 5859782
Conc: 37.68 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.139 min
Delta R.T.: -0.013 min
Response: 5272515
Conc: 37.48 ug/ml



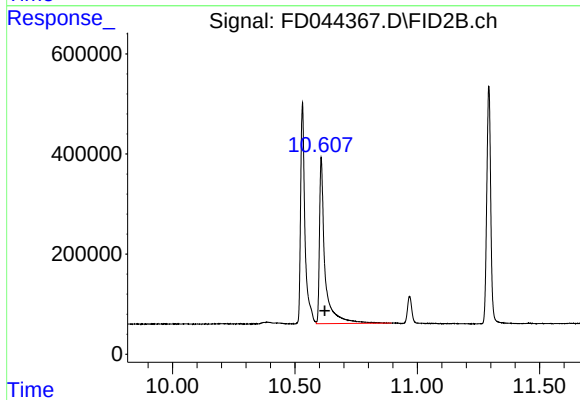
#9 Phenanthrene (C19.36)

R.T.: 10.531 min
Delta R.T.: -0.015 min
Response: 5428643
Conc: 40.31 ug/ml

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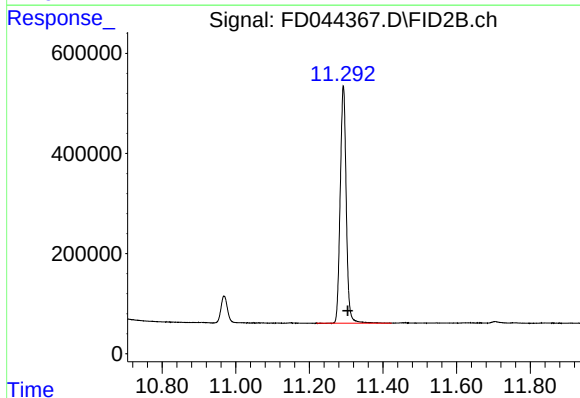
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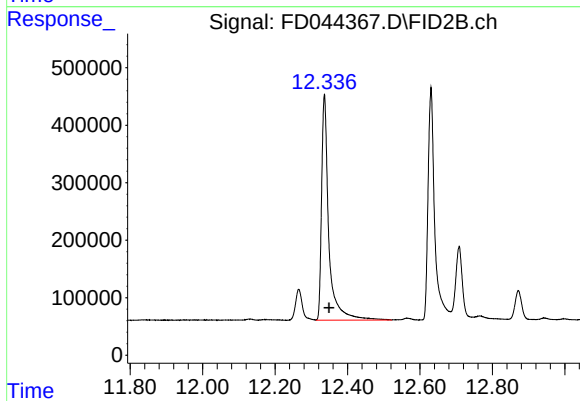
#10 Anthracene (C19.43)

R.T.: 10.608 min
Delta R.T.: -0.014 min
Response: 5233948
Conc: 38.95 ug/ml



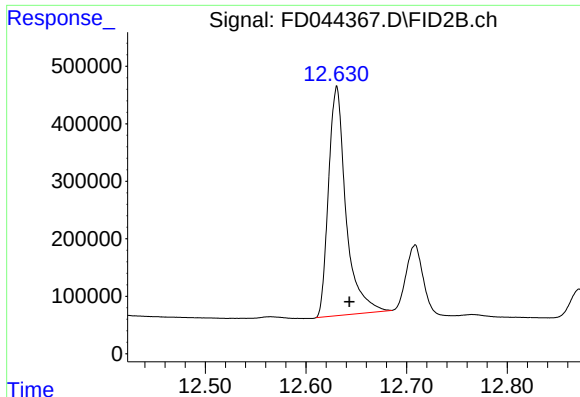
#11 ortho-Terphenyl (SURR)

R.T.: 11.292 min
Delta R.T.: -0.012 min
Response: 5371922
Conc: 31.74 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.336 min
Delta R.T.: -0.012 min
Response: 5450071
Conc: 40.81 ug/ml



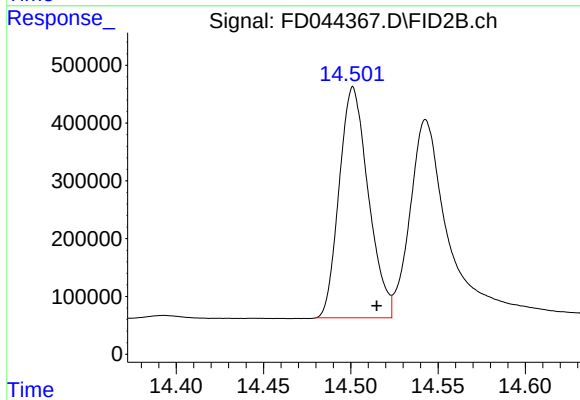
#13 Pyrene (C20.8)

R.T.: 12.630 min
Delta R.T.: -0.013 min
Response: 4797495
Conc: 37.98 ug/ml

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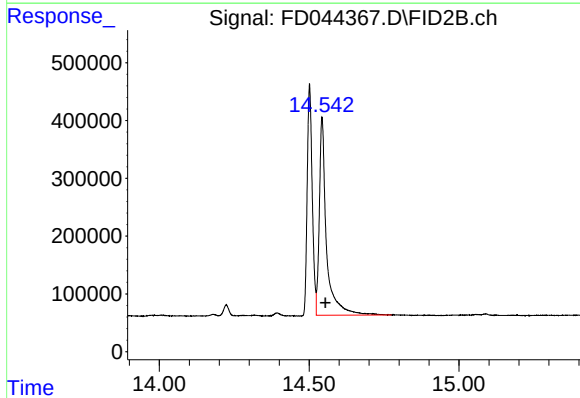
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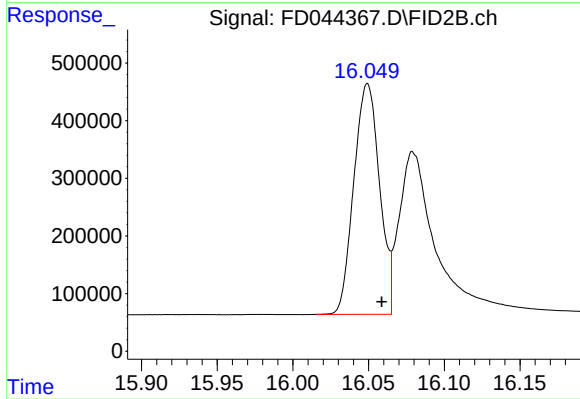
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.501 min
Delta R.T.: -0.013 min
Response: 4634153
Conc: 43.63 ug/ml



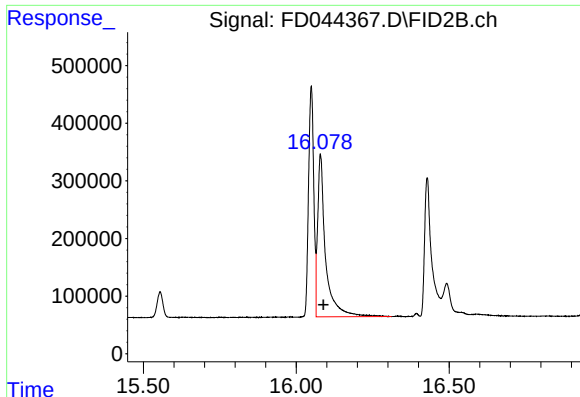
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: -0.011 min
Response: 5731362
Conc: 43.72 ug/ml



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

R.T.: 16.049 min
Delta R.T.: -0.009 min
Response: 4731323
Conc: 42.16 ug/ml



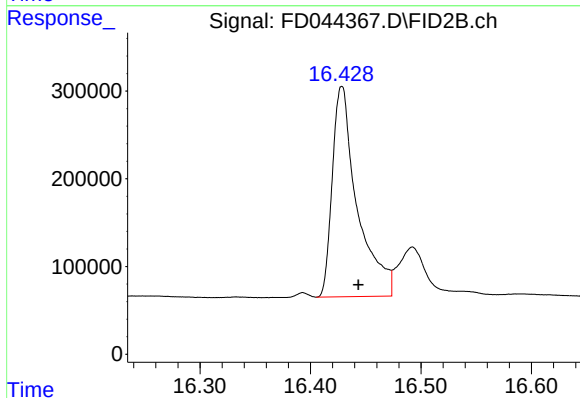
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.080 min
Delta R.T.: -0.010 min
Response: 5136722
Conc: 40.37 ug/ml

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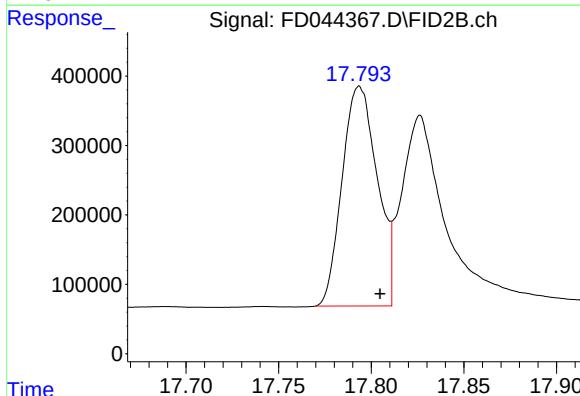
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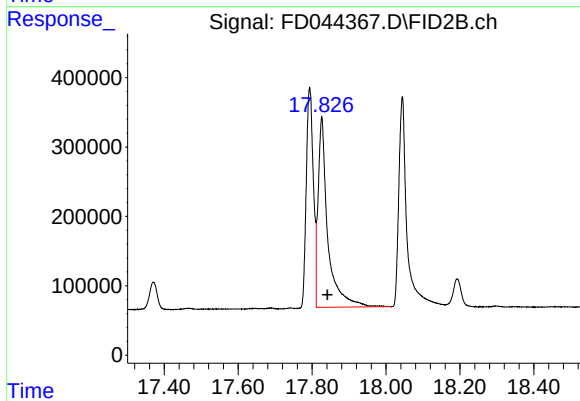
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.428 min
Delta R.T.: -0.015 min
Response: 3754441
Conc: 32.31 ug/ml



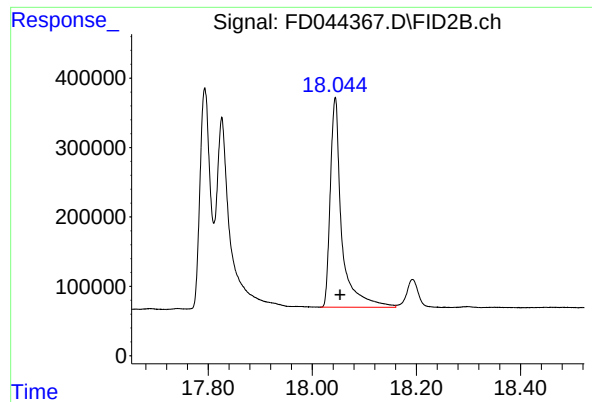
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.011 min
Response: 4178699
Conc: 39.20 ug/ml



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

R.T.: 17.826 min
Delta R.T.: -0.015 min
Response: 5000012
Conc: 40.42 ug/ml



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

R.T.: 18.044 min
Delta R.T.: -0.010 min
Response: 4618264
Conc: 39.34 ug/ml

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