

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101422AR\
 Data File : FD044136.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2022 21:16
 Operator : YP/AJ
 Sample : PB148344BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB148344BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2022
 Supervised By :Ankita Jodhani 10/17/2022

Integration File: autoint1.e
 Quant Time: Oct 15 15:37:35 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...	7.417	6605135	53.200 ug/ml
Spiked Amount 50.000		Recovery =	106.40%
6) S 2-Fluorobiphenyl (SURR)	8.271	3223582	42.811 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.62%
11) S ortho-Terphenyl (SURR)	11.303	7167162	42.344 ug/ml
Spiked Amount 50.000		Recovery =	84.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	4309230	30.530 ug/mlm
2) T Naphthalene (C11.7)	5.757	5446064	39.725 ug/ml
3) T 2-Methylnaphthalene (...)	6.803	5827956	41.111 ug/ml
5) T Acenaphthylene (C15.06)	8.075	6395131	45.587 ug/ml
7) T Acenaphthene (C15.5)	8.368	6838194	43.974 ug/ml
8) T Flouorene (C16.55)	9.147	6888249	48.964 ug/ml
9) T Phenanthrene (C19.36)	10.538	7070617	52.503 ug/ml
10) T Anthracene (C19.43)	10.613	7209444	53.654 ug/ml
12) T Fluoranthene (C21.85)	12.343	7064823	52.900 ug/ml
13) T Pyrene (C20.8)	12.639	6884884	54.507 ug/ml
14) T Benzo[a]anthracene (C...	14.508	6466038	60.875 ug/ml
15) T Chrysene (C27.41)	14.552	7168276	54.683 ug/ml
16) T benzo[b]fluoranthene ...	16.057	6276640	55.928 ug/ml
17) T Bnezo[k]fluoranthene ...	16.090	6241588	49.058 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	5628338	48.437 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.802	6056685	56.812 ug/ml
20) T Dibenz[a,h]anthracene...	17.836	6113055	49.412 ug/ml
21) T Benzo[g,h,i]perylene ...	18.056	6159916	52.471 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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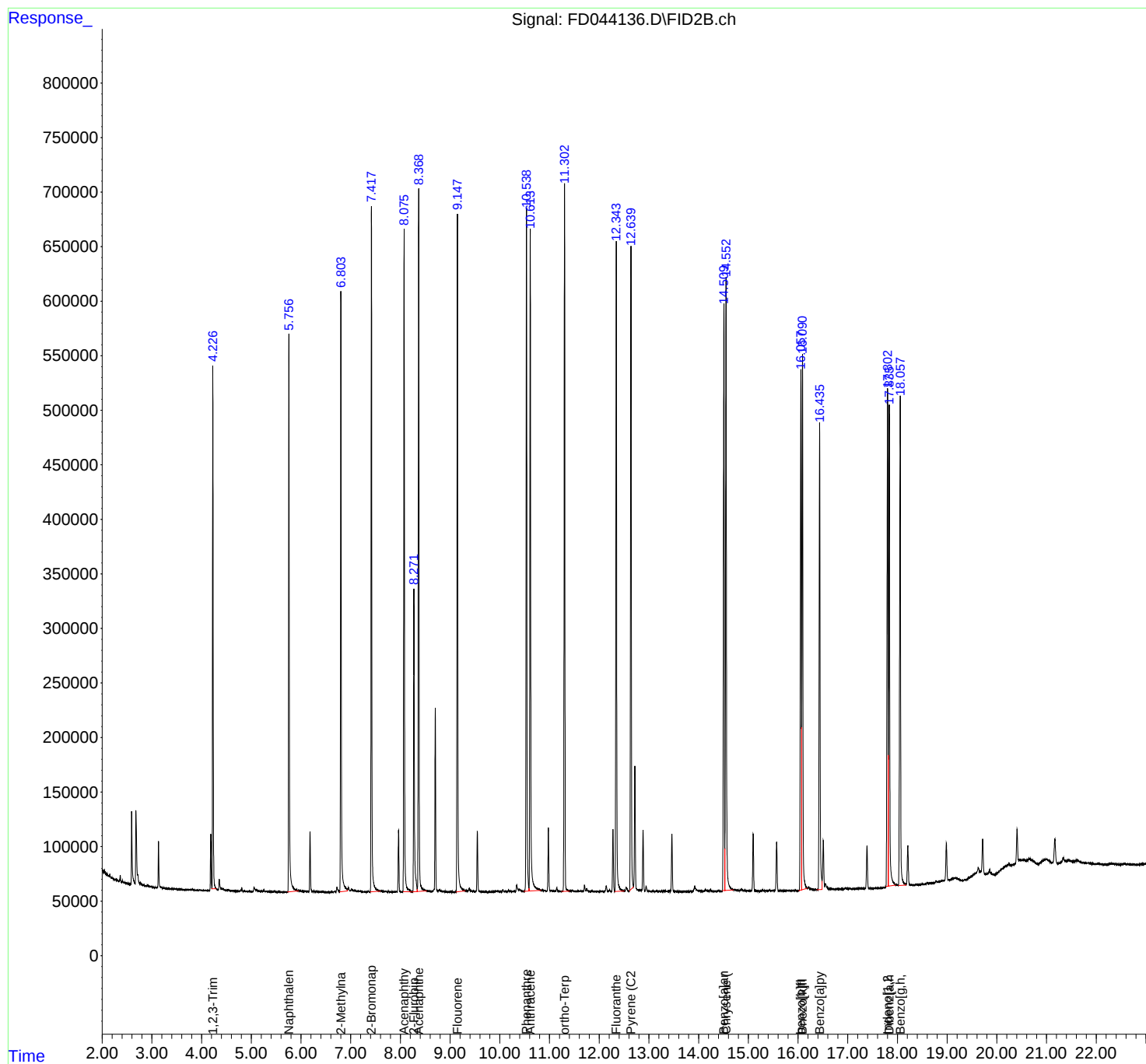
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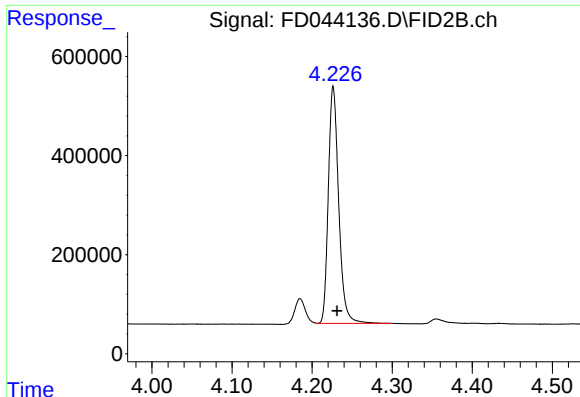
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.226 min
Delta R.T.: -0.005 min
Response: 4309230
Conc: 30.53 ug/ml

Instrument :

FID_D

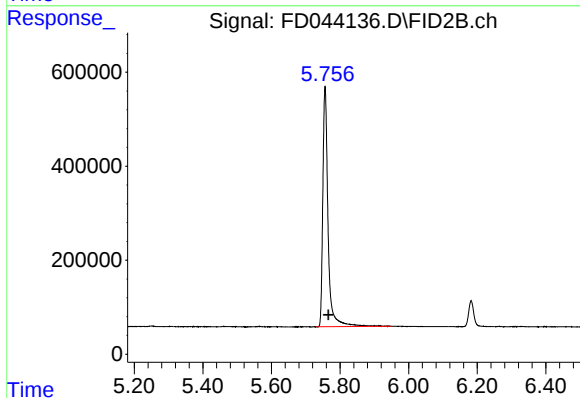
ClientSampleId :

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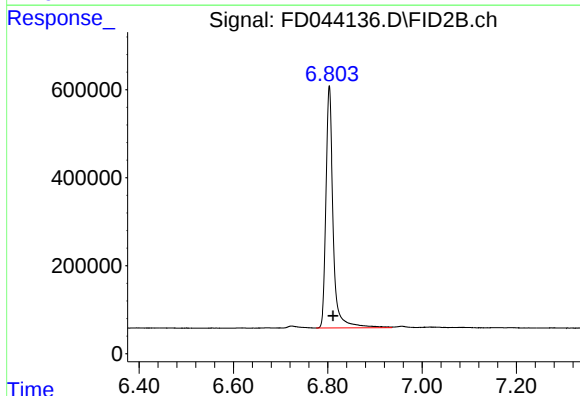
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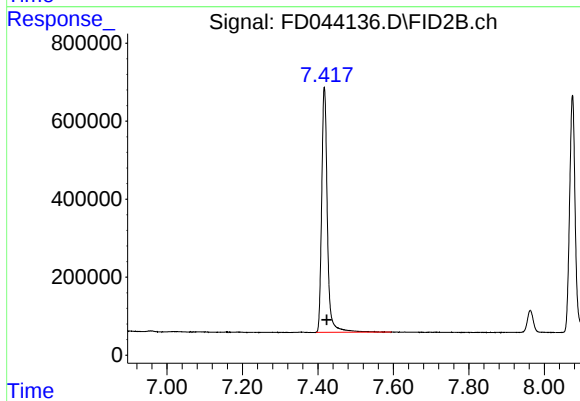
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.009 min
Response: 5446064
Conc: 39.72 ug/ml



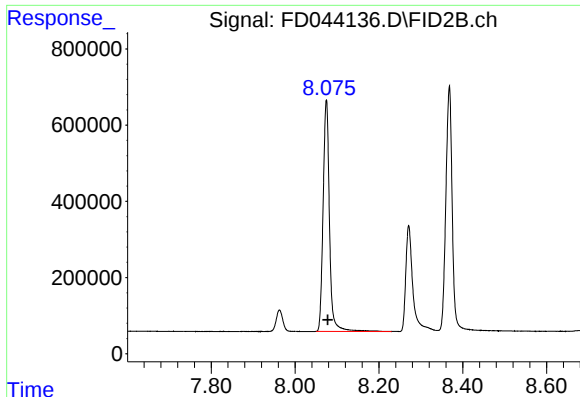
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: -0.008 min
Response: 5827956
Conc: 41.11 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.417 min
Delta R.T.: -0.006 min
Response: 6605135
Conc: 53.20 ug/ml



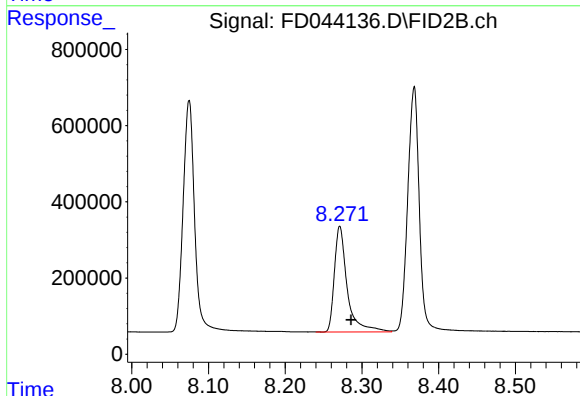
#5 Acenaphthylene (C15.06)

R.T.: 8.075 min
Delta R.T.: -0.004 min
Response: 6395131
Conc: 45.59 ug/ml

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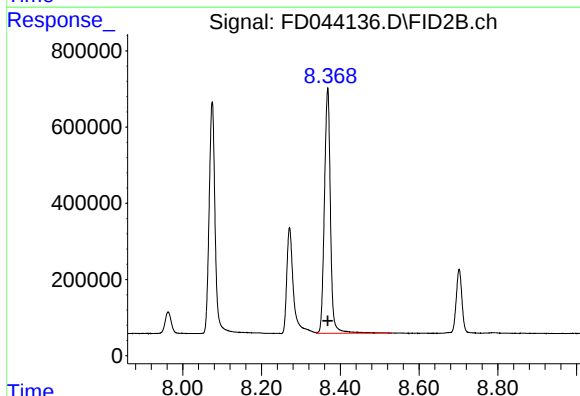
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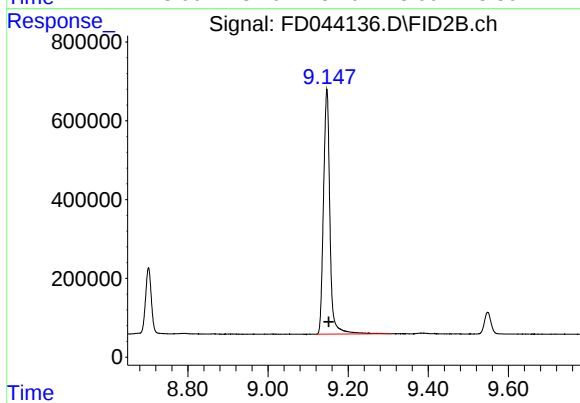
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.271 min
Delta R.T.: -0.014 min
Response: 3223582
Conc: 42.81 ug/ml



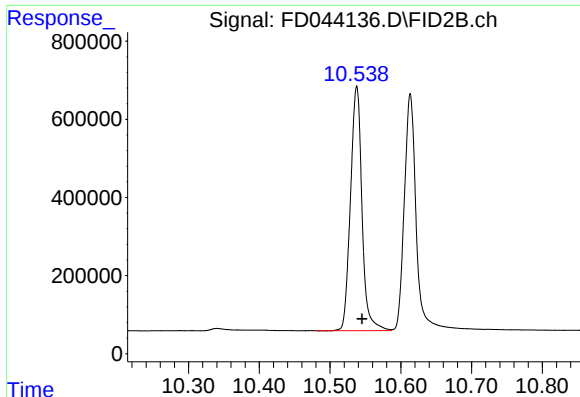
#7 Acenaphthene (C15.5)

R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 6838194
Conc: 43.97 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.147 min
Delta R.T.: -0.005 min
Response: 6888249
Conc: 48.96 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.538 min
Delta R.T.: -0.008 min
Response: 7070617
Conc: 52.50 ug/ml

Instrument :

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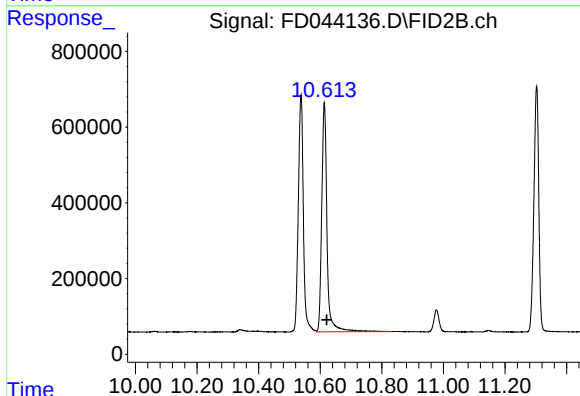
ClientSampleId :

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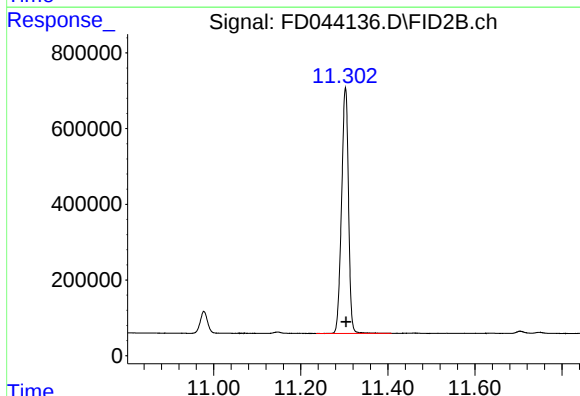
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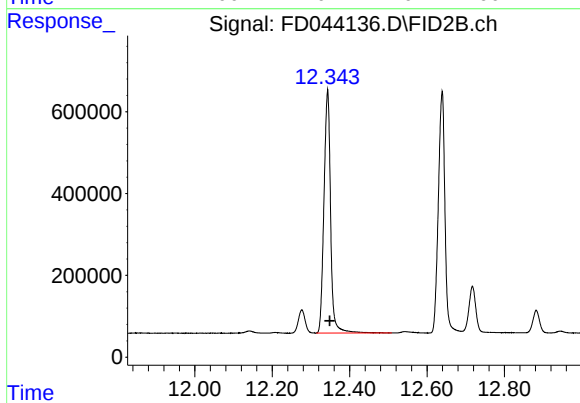
#10 Anthracene (C19.43)

R.T.: 10.613 min
Delta R.T.: -0.008 min
Response: 7209444
Conc: 53.65 ug/ml



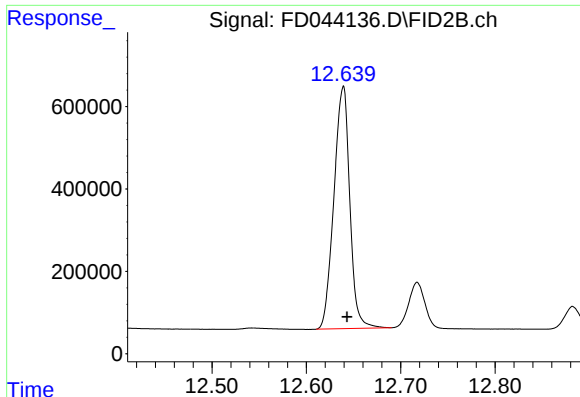
#11 ortho-Terphenyl (SURR)

R.T.: 11.303 min
Delta R.T.: -0.002 min
Response: 7167162
Conc: 42.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.343 min
Delta R.T.: -0.006 min
Response: 7064823
Conc: 52.90 ug/ml



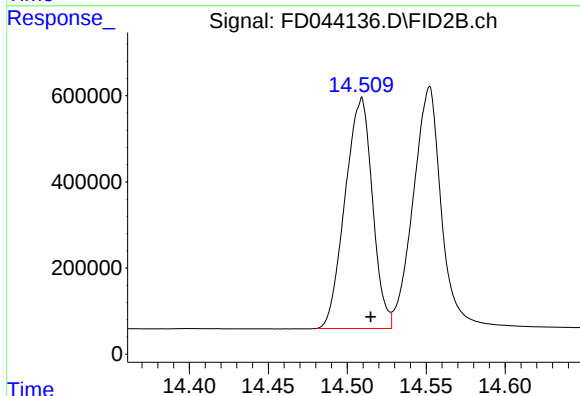
#13 Pyrene (C20.8)

R.T.: 12.639 min
Delta R.T.: -0.004 min
Response: 6884884
Conc: 54.51 ug/ml

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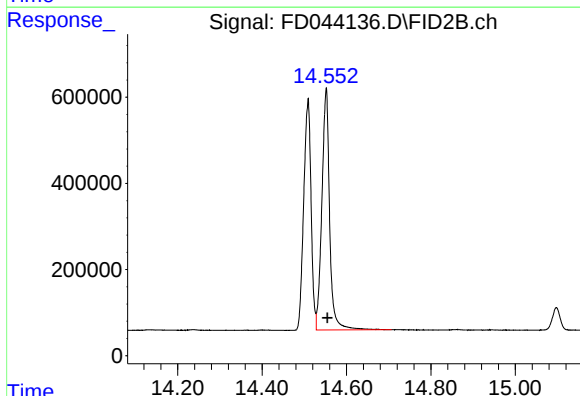
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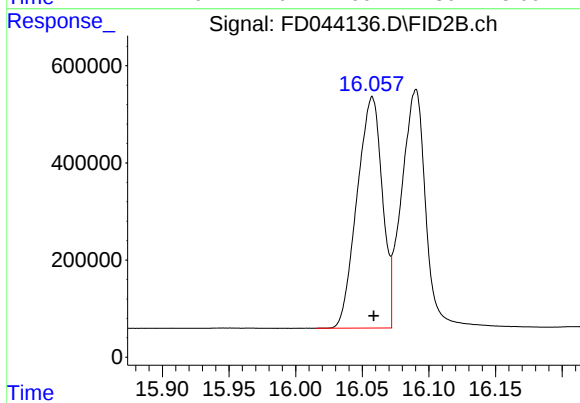
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.508 min
Delta R.T.: -0.006 min
Response: 6466038
Conc: 60.88 ug/ml



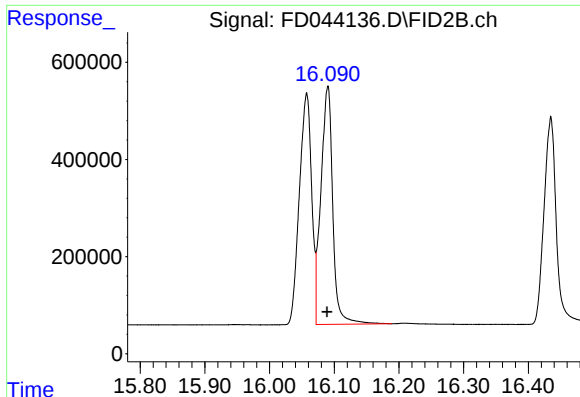
#15 Chrysene (C27.41)

R.T.: 14.552 min
Delta R.T.: -0.003 min
Response: 7168276
Conc: 54.68 ug/ml



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

R.T.: 16.057 min
Delta R.T.: -0.002 min
Response: 6276640
Conc: 55.93 ug/ml



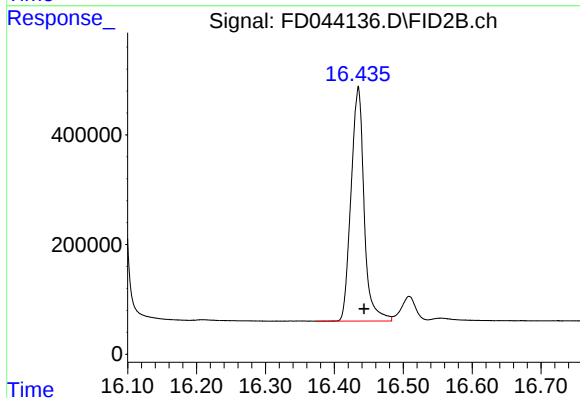
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.090 min
Delta R.T.: 0.000 min
Response: 6241588
Conc: 49.06 ug/ml

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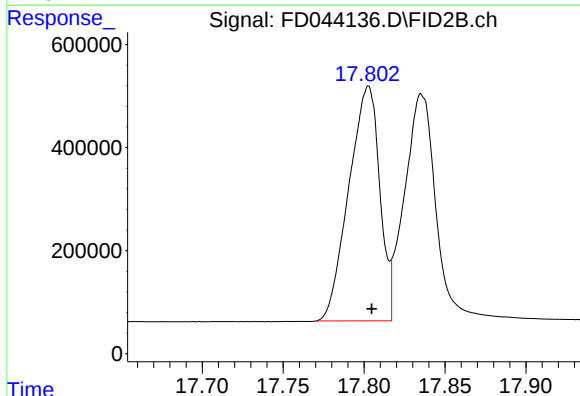
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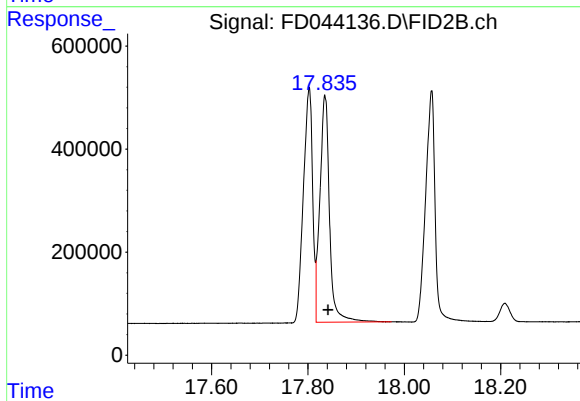
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min
Delta R.T.: -0.009 min
Response: 5628338
Conc: 48.44 ug/ml



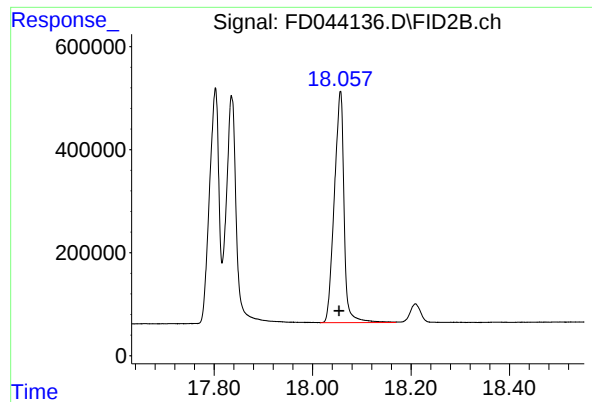
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.802 min
Delta R.T.: -0.003 min
Response: 6056685
Conc: 56.81 ug/ml



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

R.T.: 17.836 min
Delta R.T.: -0.006 min
Response: 6113055
Conc: 49.41 ug/ml



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

R.T.: 18.056 min
Delta R.T.: 0.002 min
Response: 6159916
Conc: 52.47 ug/ml

Instrument :

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