

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060524AR\
 Data File : FD047868.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jun 2024 17:41
 Operator : YP/AJ
 Sample : PB161326BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB161326BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2024
 Supervised By :Ankita Jodhani 06/06/2024

Integration File: autoint1.e
 Quant Time: Jun 06 03:50:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 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...	7.433	6321639	45.029 ug/ml
Spiked Amount 50.000		Recovery =	90.06%
6) S 2-Fluorobiphenyl (SURR)	8.285	3798132	41.011 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.02%
11) S ortho-Terphenyl (SURR)	11.325	5885788	36.812 ug/ml
Spiked Amount 50.000		Recovery =	73.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.249	5303247	33.578 ug/ml
2) T Naphthalene (C11.7)	5.772	6173606	37.822 ug/ml
3) T 2-Methylnaphthalene (...)	6.820	6402433	38.854 ug/ml
5) T Acenaphthylene (C15.06)	8.089	6698980	40.986 ug/ml
7) T Acenaphthene (C15.5)	8.384	6590973	40.366 ug/ml
8) T Flouorene (C16.55)	9.163	6707327	42.636 ug/ml
9) T Phenanthrene (C19.36)	10.553	6874653	44.581 ug/ml
10) T Anthracene (C19.43)	10.629	6847856	45.551 ug/ml
12) T Fluoranthene (C21.85)	12.360	7265004	47.873 ug/ml
13) T Pyrene (C20.8)	12.654	7147801	47.413 ug/ml
14) T Benzo[a]anthracene (C...	14.524	6617691	48.275 ug/mlm
15) T Chrysene (C27.41)	14.567	6740267	45.753 ug/ml
16) T benzo[b]fluoranthene ...	16.071	6628553	47.097 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.107	6586214	48.364 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.448	6272125	45.313 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.814	6031759	52.322 ug/mlm
20) T Dibenz[a,h]anthracene...	17.852	6016948	45.123 ug/ml
21) T Benzo[g,h,i]perylene ...	18.066	5850197	43.990 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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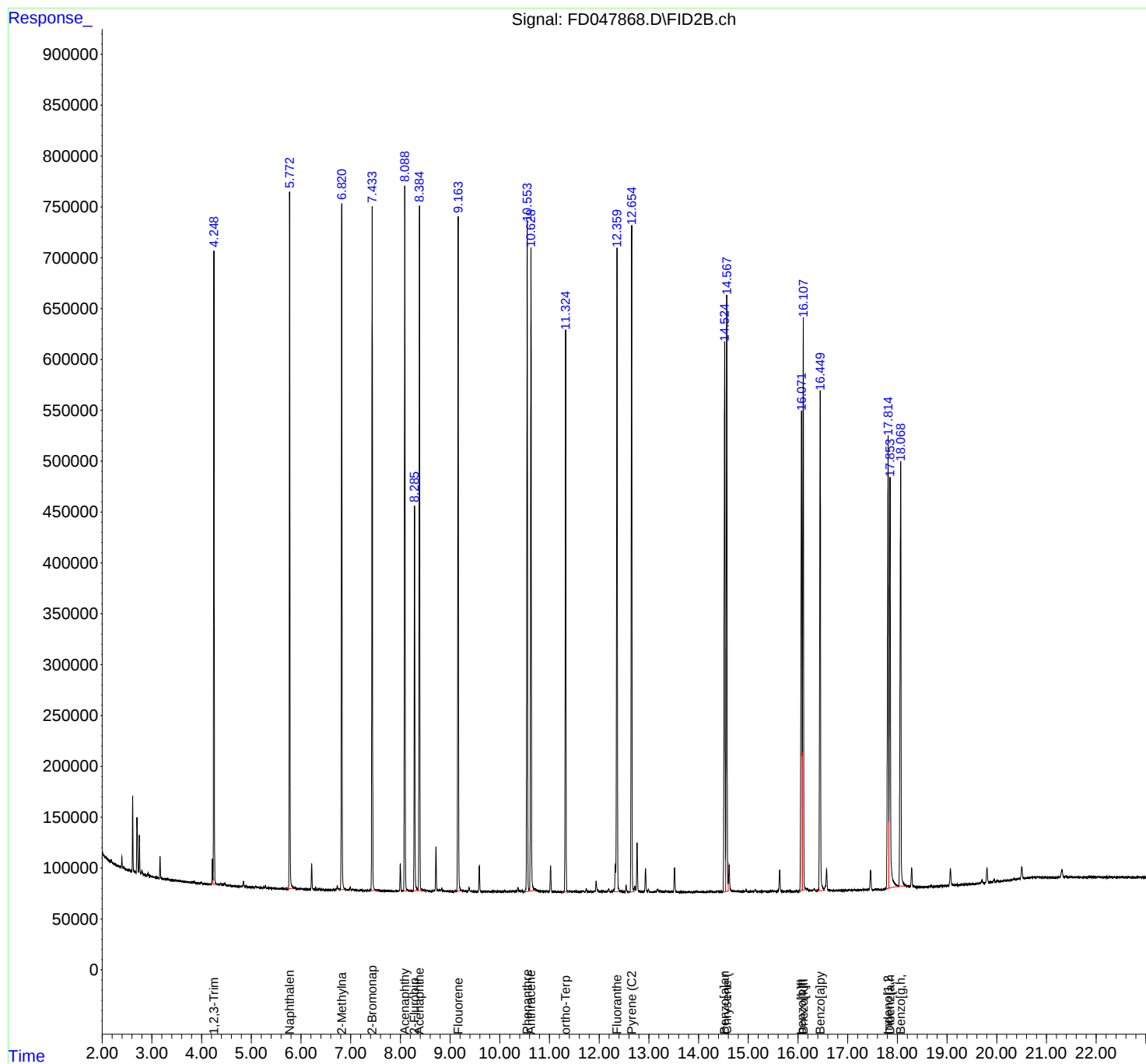
Instrument :
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PB161326BSD

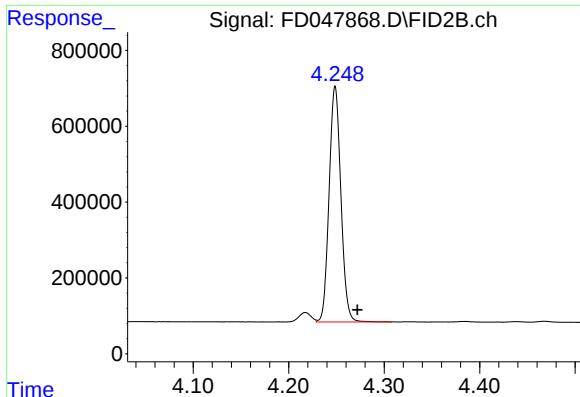
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.249 min
Delta R.T.: -0.023 min
Response: 5303247
Conc: 33.58 ug/ml

Instrument :

FID_D

ClientSampleId :

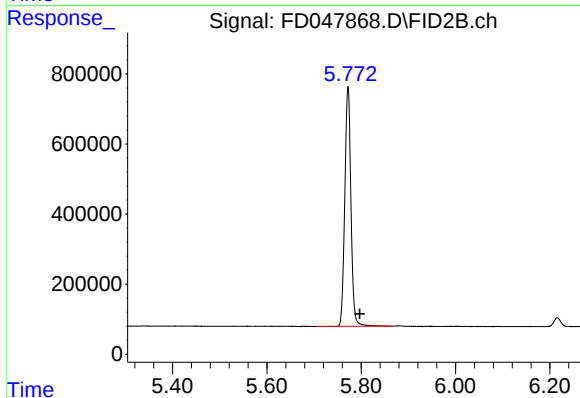
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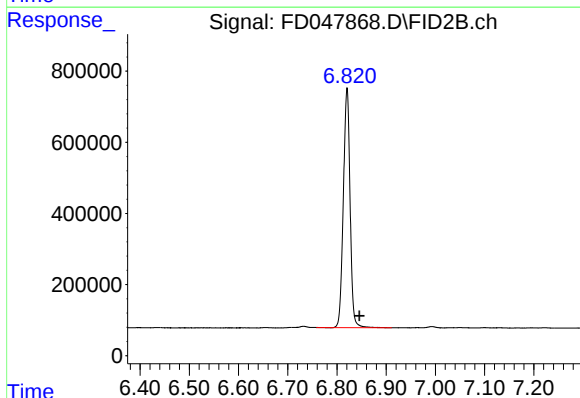
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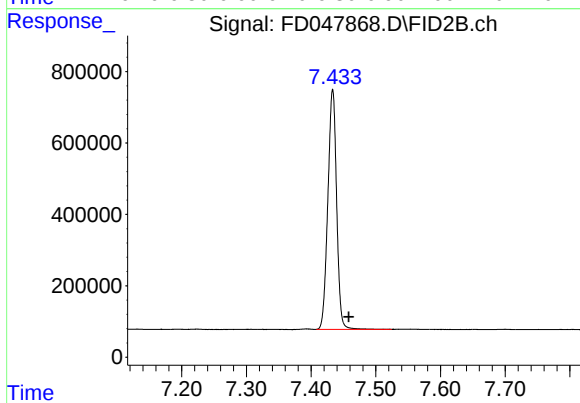
#2 Naphthalene (C11.7)

R.T.: 5.772 min
Delta R.T.: -0.025 min
Response: 6173606
Conc: 37.82 ug/ml



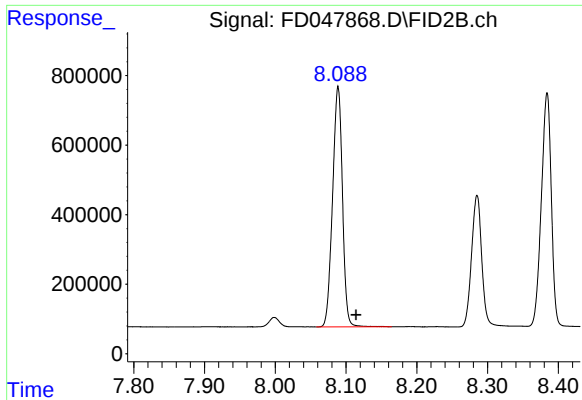
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.820 min
Delta R.T.: -0.026 min
Response: 6402433
Conc: 38.85 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.433 min
Delta R.T.: -0.025 min
Response: 6321639
Conc: 45.03 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.089 min
Delta R.T.: -0.025 min
Response: 6698980
Conc: 40.99 ug/ml

Instrument :

FID_D

ClientSampleId :

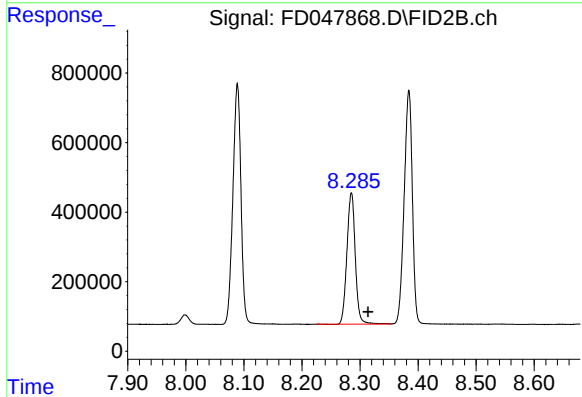
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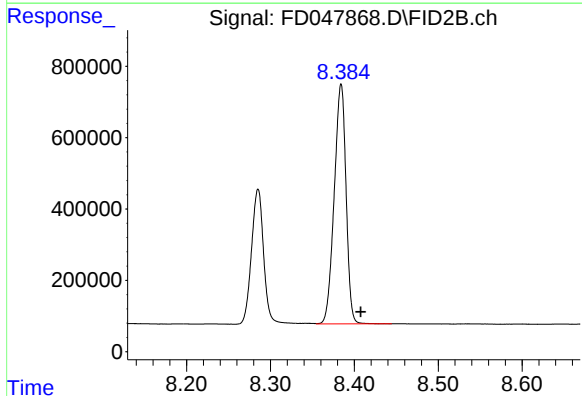
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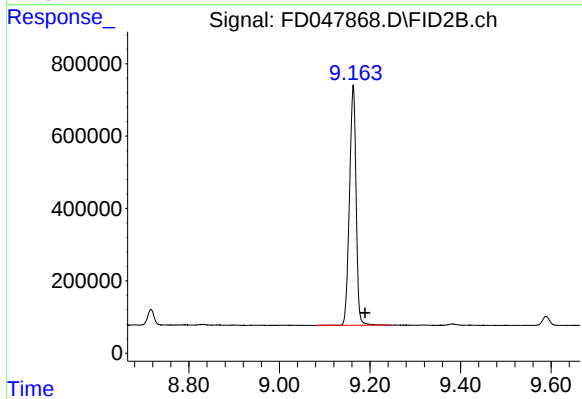
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.285 min
Delta R.T.: -0.029 min
Response: 3798132
Conc: 41.01 ug/ml



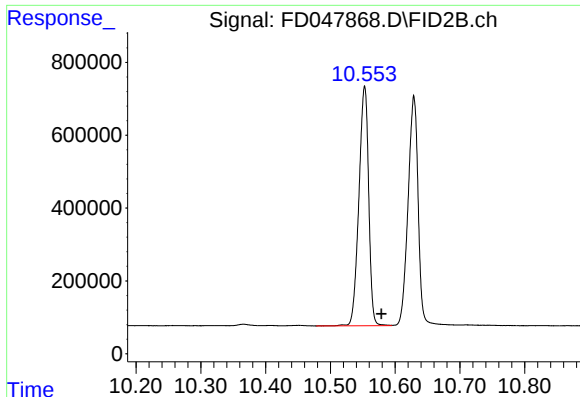
#7 Acenaphthene (C15.5)

R.T.: 8.384 min
Delta R.T.: -0.024 min
Response: 6590973
Conc: 40.37 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.163 min
Delta R.T.: -0.026 min
Response: 6707327
Conc: 42.64 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.553 min
Delta R.T.: -0.026 min
Response: 6874653
Conc: 44.58 ug/ml

Instrument :

FID_D

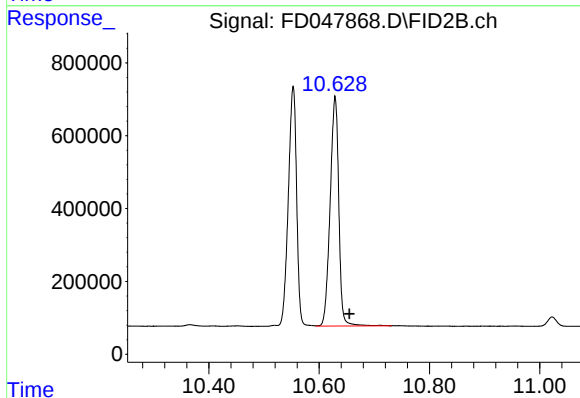
ClientSampleId :

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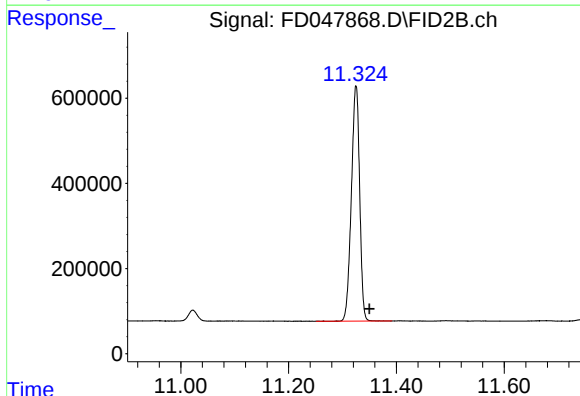
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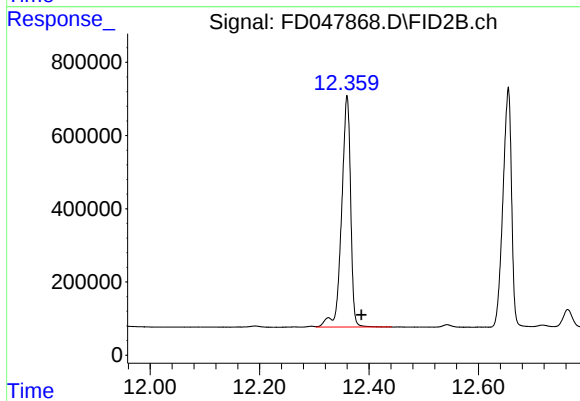
#10 Anthracene (C19.43)

R.T.: 10.629 min
Delta R.T.: -0.026 min
Response: 6847856
Conc: 45.55 ug/ml



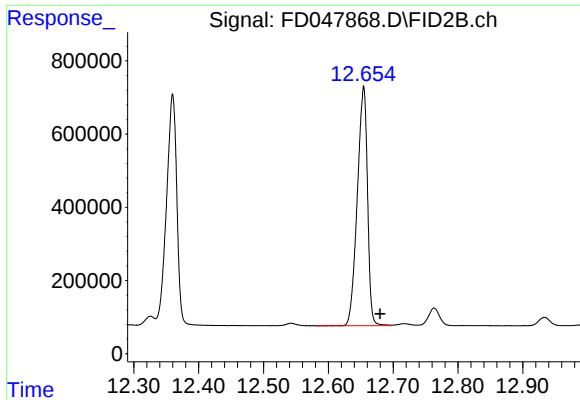
#11 ortho-Terphenyl (SURR)

R.T.: 11.325 min
Delta R.T.: -0.025 min
Response: 5885788
Conc: 36.81 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.360 min
Delta R.T.: -0.026 min
Response: 7265004
Conc: 47.87 ug/ml



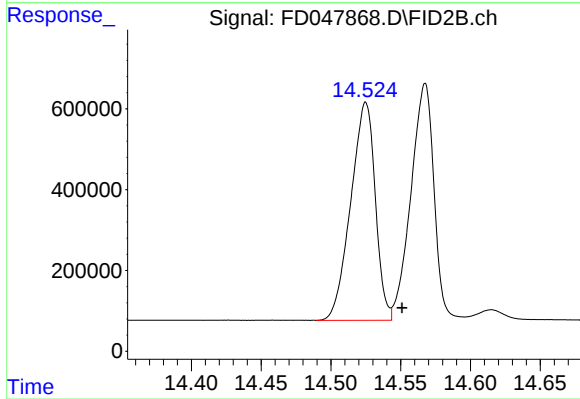
#13 Pyrene (C20.8)

R.T.: 12.654 min
Delta R.T.: -0.026 min
Response: 7147801
Conc: 47.41 ug/ml

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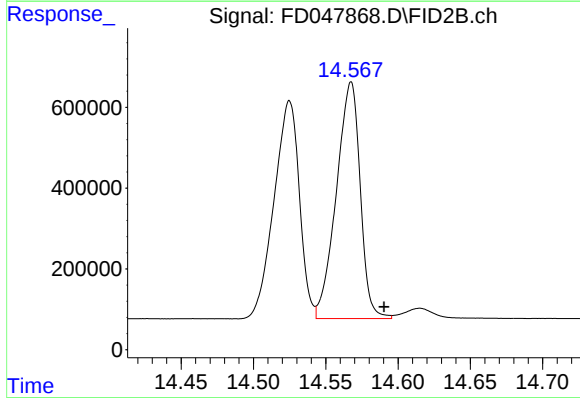
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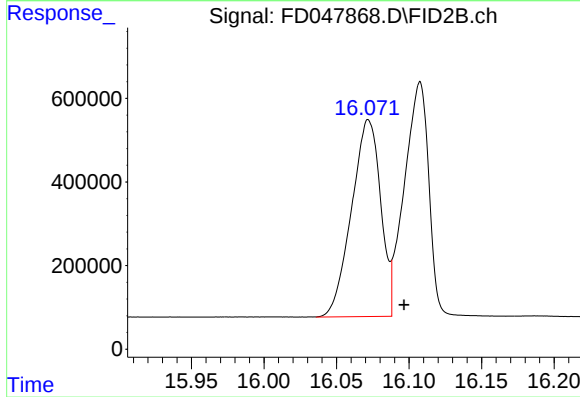
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.524 min
Delta R.T.: -0.027 min
Response: 6617691
Conc: 48.27 ug/ml m



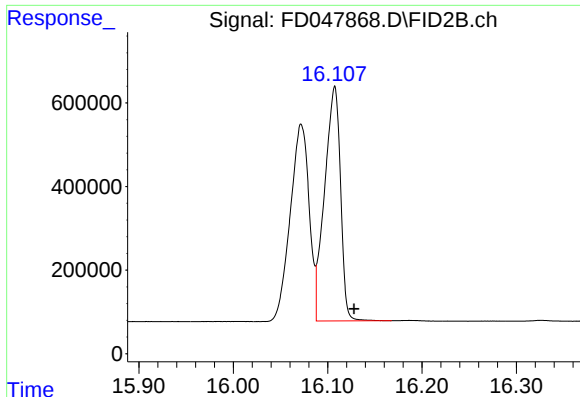
#15 Chrysene (C27.41)

R.T.: 14.567 min
Delta R.T.: -0.023 min
Response: 6740267
Conc: 45.75 ug/ml



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

R.T.: 16.071 min
Delta R.T.: -0.025 min
Response: 6628553
Conc: 47.10 ug/ml m



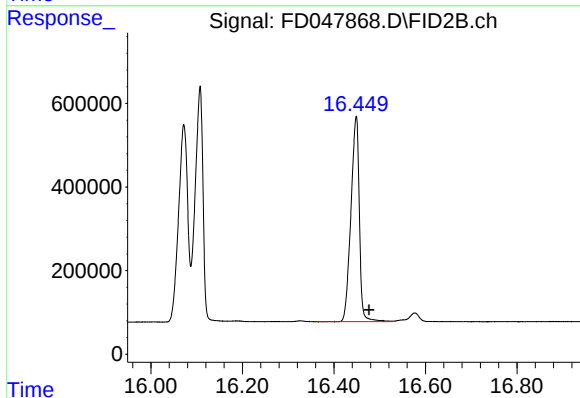
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.107 min
Delta R.T.: -0.021 min
Response: 6586214
Conc: 48.36 ug/ml

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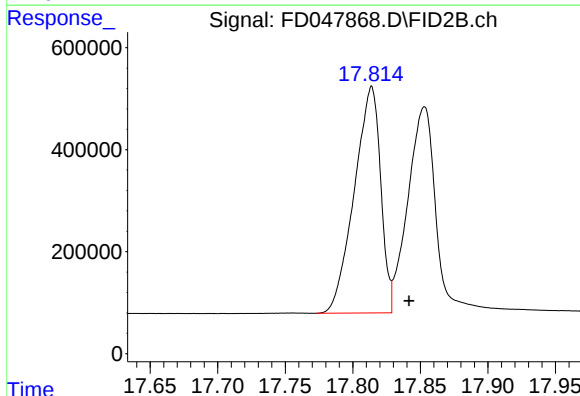
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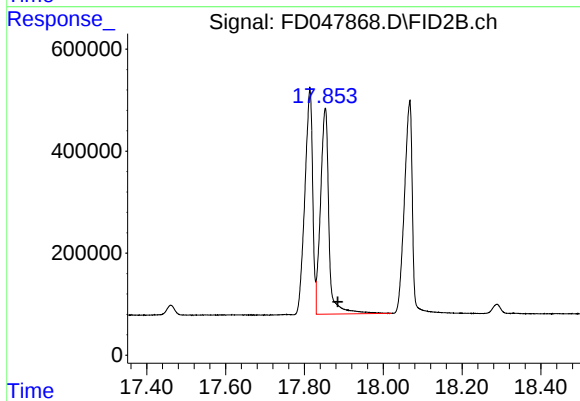
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.448 min
Delta R.T.: -0.029 min
Response: 6272125
Conc: 45.31 ug/ml



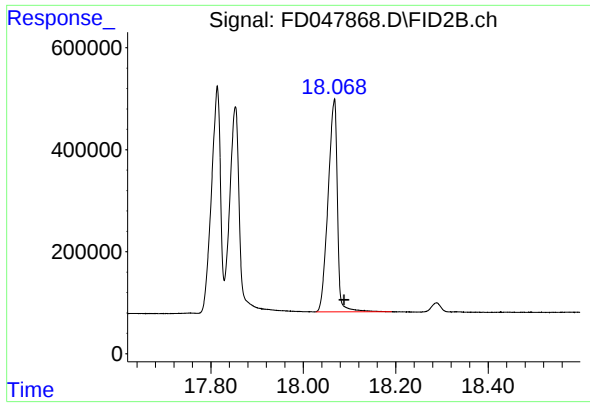
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.814 min
Delta R.T.: -0.028 min
Response: 6031759
Conc: 52.32 ug/ml m



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

R.T.: 17.852 min
Delta R.T.: -0.032 min
Response: 6016948
Conc: 45.12 ug/ml



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

R.T.: 18.066 min
Delta R.T.: -0.022 min
Response: 5850197
Conc: 43.99 ug/ml

Instrument :

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