

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AR\
 Data File : FD044309.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2022 20:58
 Operator : YP/AJ
 Sample : PB148563BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB148563BS

Manual Integrations
 APPROVED

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

Integration File: sample.E
 Quant Time: Oct 29 06:43:10 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...	7.410	6557236	52.814 ug/mlm
Spiked Amount 50.000		Recovery =	105.63%
6) S 2-Fluorobiphenyl (SURR)	8.267	4128296	54.826 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.65%
11) S ortho-Terphenyl (SURR)	11.294	6629881	39.170 ug/ml
Spiked Amount 50.000		Recovery =	78.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	4879118	34.567 ug/mlm
2) T Naphthalene (C11.7)	5.753	5421763	39.548 ug/ml
3) T 2-Methylnaphthalene (...)	6.798	5325458	37.567 ug/ml
5) T Acenaphthylene (C15.06)	8.067	5508458	39.266 ug/ml
7) T Acenaphthene (C15.5)	8.359	6348139	40.823 ug/ml
8) T Flouorene (C16.55)	9.139	5881475	41.807 ug/ml
9) T Phenanthrene (C19.36)	10.531	6133096	45.541 ug/ml
10) T Anthracene (C19.43)	10.607	6204993	46.179 ug/ml
12) T Fluoranthene (C21.85)	12.336	6094817	45.637 ug/ml
13) T Pyrene (C20.8)	12.630	5480703	43.390 ug/ml
14) T Benzo[a]anthracene (C...	14.499	5292462	49.827 ug/mlm
15) T Chrysene (C27.41)	14.541	6071315	46.315 ug/ml
16) T benzo[b]fluoranthene ...	16.048	5355955	47.724 ug/ml
17) T Bnezo[k]fluoranthene ...	16.079	5735003	45.076 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.425	4314593	37.131 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.792	4854603	45.537 ug/mlm
20) T Dibenz[a,h]anthracene...	17.824	5363249	43.351 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.043	5234106	44.585 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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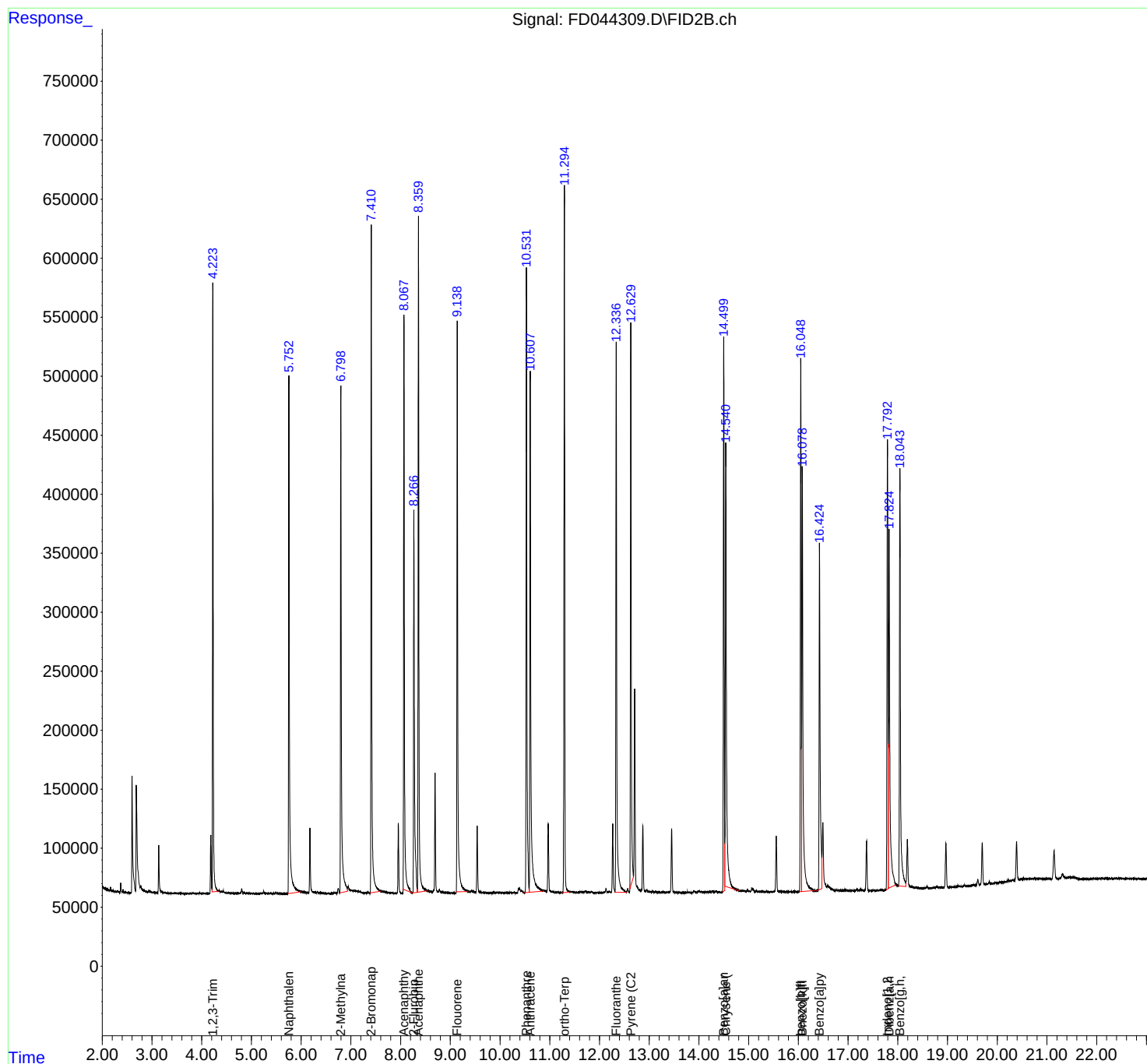
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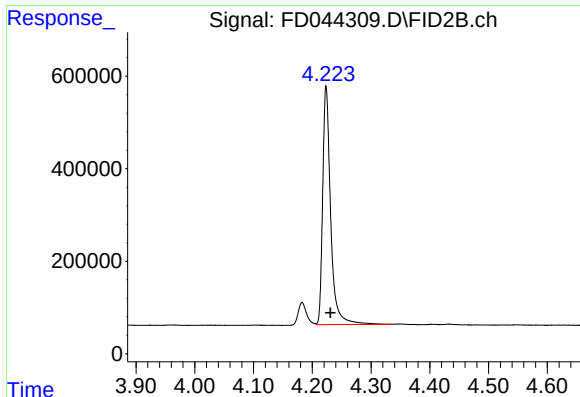
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.223 min
Delta R.T.: -0.008 min
Response: 4879118
Conc: 34.57 ug/ml

Instrument :

FID_D

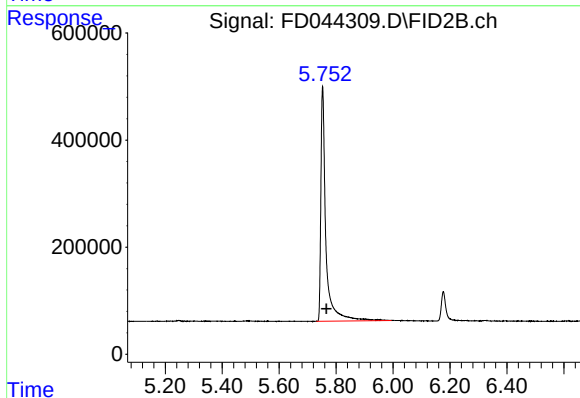
ClientSampleId :

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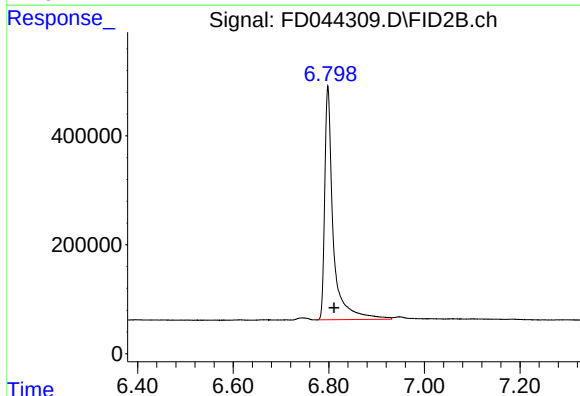
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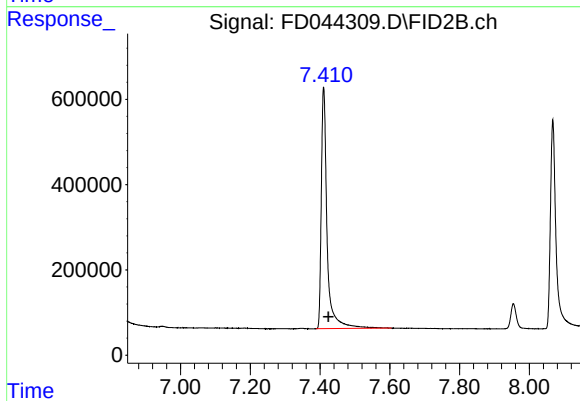
#2 Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: -0.013 min
Response: 5421763
Conc: 39.55 ug/ml



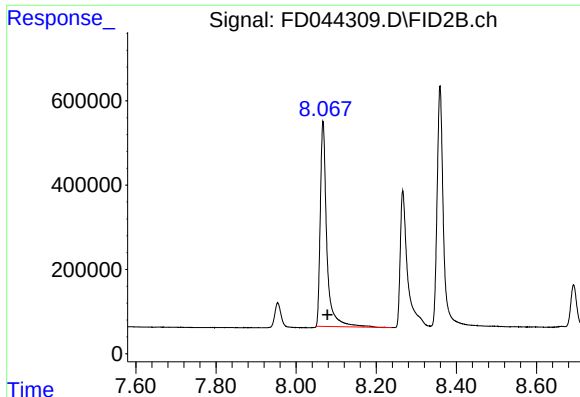
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.798 min
Delta R.T.: -0.013 min
Response: 5325458
Conc: 37.57 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.014 min
Response: 6557236
Conc: 52.81 ug/ml m



#5 Acenaphthylene (C15.06)

R.T.: 8.067 min
Delta R.T.: -0.011 min
Response: 5508458
Conc: 39.27 ug/ml

Instrument :

FID_D

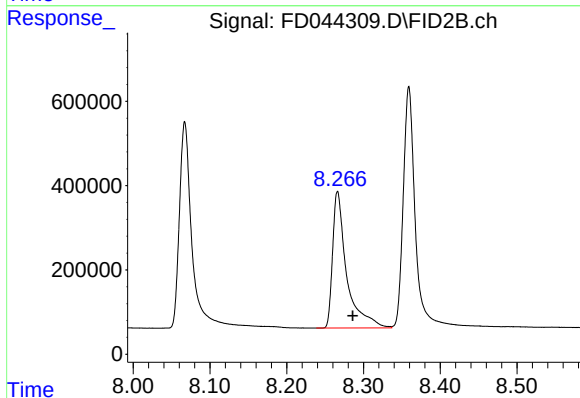
ClientSampleId :

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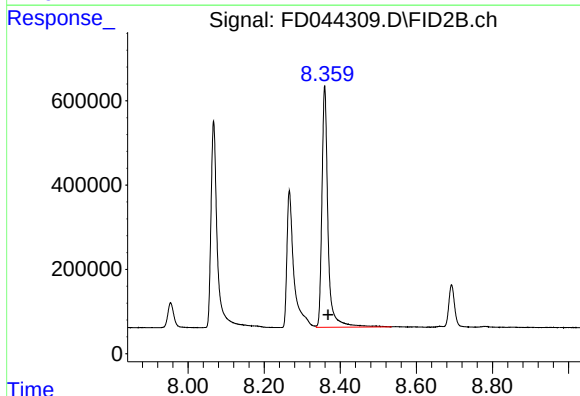
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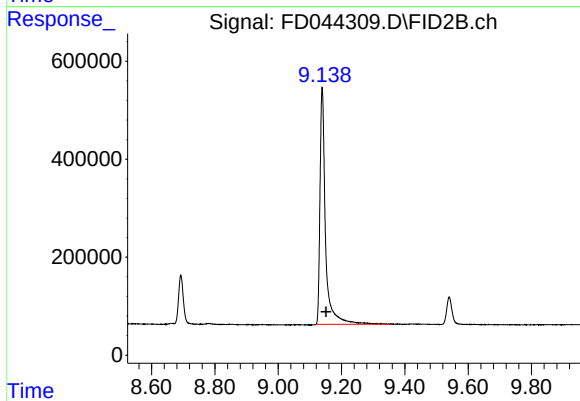
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.267 min
Delta R.T.: -0.019 min
Response: 4128296
Conc: 54.83 ug/ml



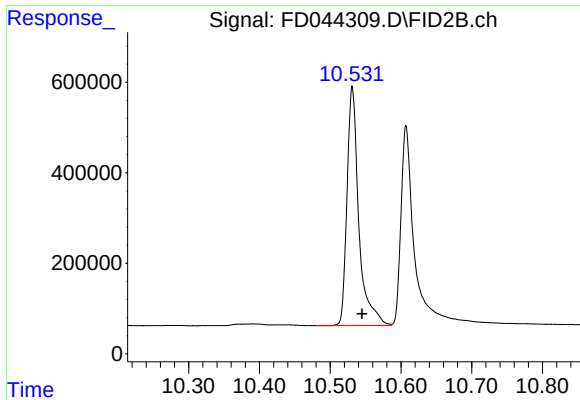
#7 Acenaphthene (C15.5)

R.T.: 8.359 min
Delta R.T.: -0.009 min
Response: 6348139
Conc: 40.82 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.139 min
Delta R.T.: -0.013 min
Response: 5881475
Conc: 41.81 ug/ml



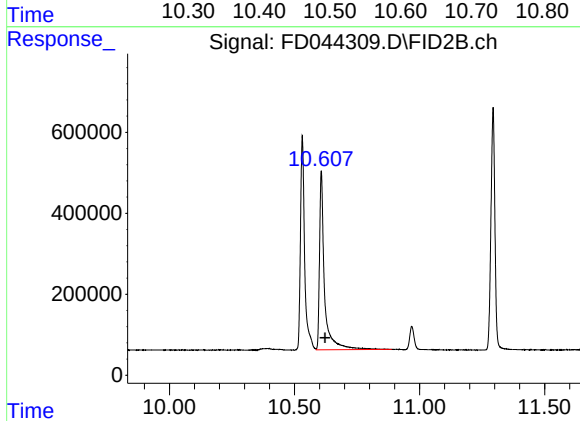
#9 Phenanthrene (C19.36)

R.T.: 10.531 min
Delta R.T.: -0.014 min
Response: 6133096
Conc: 45.54 ug/ml

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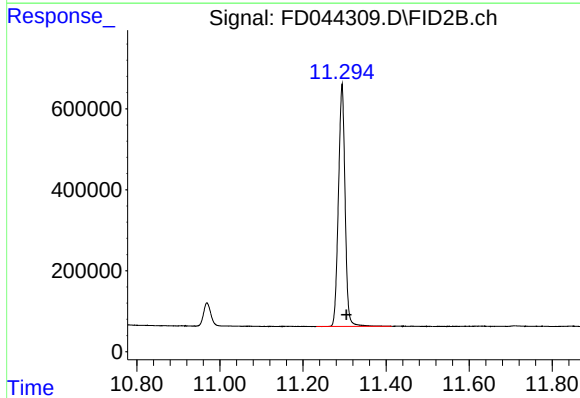
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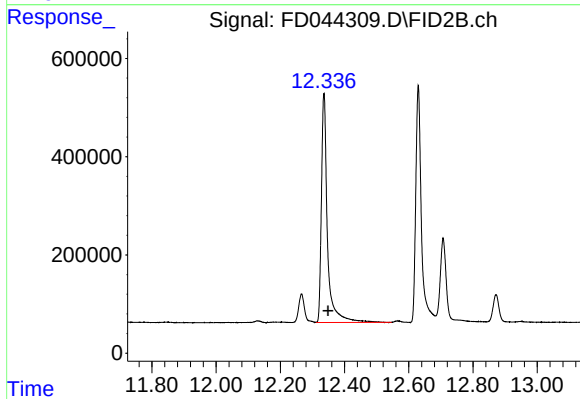
#10 Anthracene (C19.43)

R.T.: 10.607 min
Delta R.T.: -0.014 min
Response: 6204993
Conc: 46.18 ug/ml



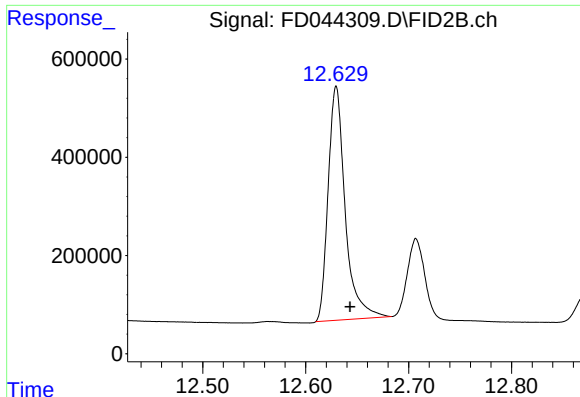
#11 ortho-Terphenyl (SURR)

R.T.: 11.294 min
Delta R.T.: -0.011 min
Response: 6629881
Conc: 39.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.336 min
Delta R.T.: -0.013 min
Response: 6094817
Conc: 45.64 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.630 min
Delta R.T.: -0.013 min
Response: 5480703
Conc: 43.39 ug/ml

Instrument :

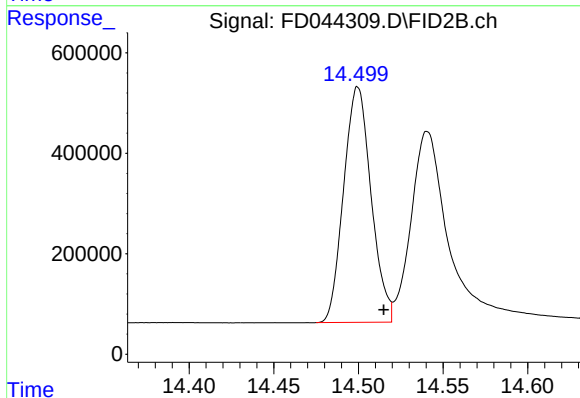
FID_D

ClientSampleId :

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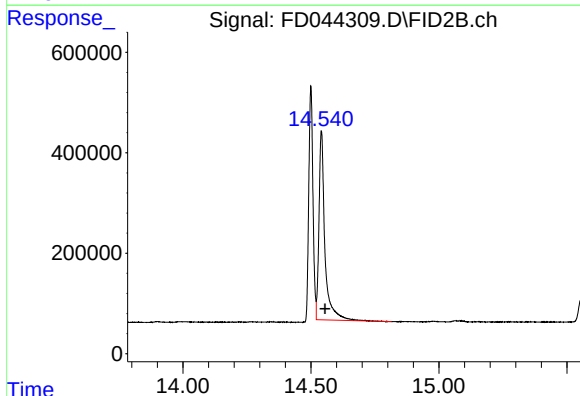
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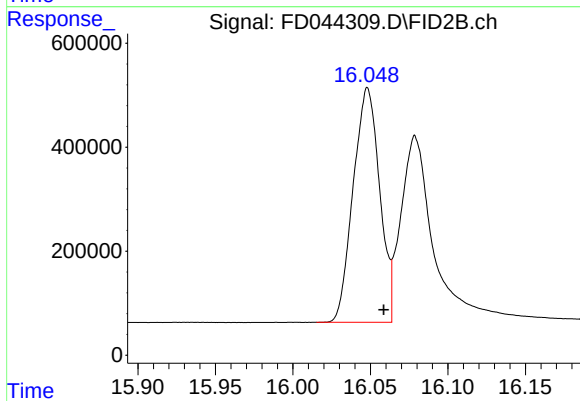
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.499 min
Delta R.T.: -0.016 min
Response: 5292462
Conc: 49.83 ug/ml m



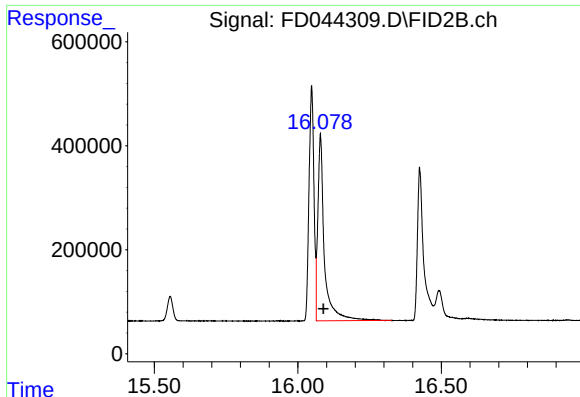
#15 Chrysene (C27.41)

R.T.: 14.541 min
Delta R.T.: -0.014 min
Response: 6071315
Conc: 46.31 ug/ml



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

R.T.: 16.048 min
Delta R.T.: -0.011 min
Response: 5355955
Conc: 47.72 ug/ml



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

R.T.: 16.079 min
Delta R.T.: -0.010 min
Response: 5735003
Conc: 45.08 ug/ml

Instrument :

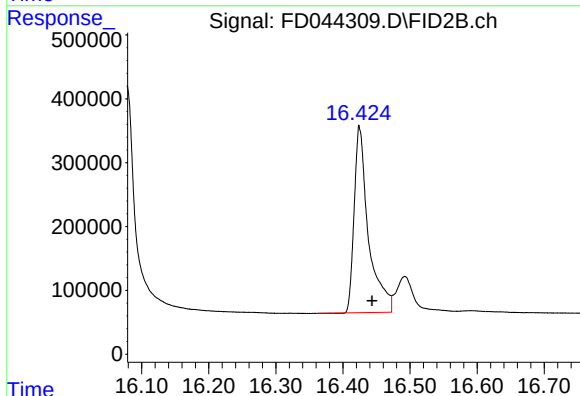
FID_D

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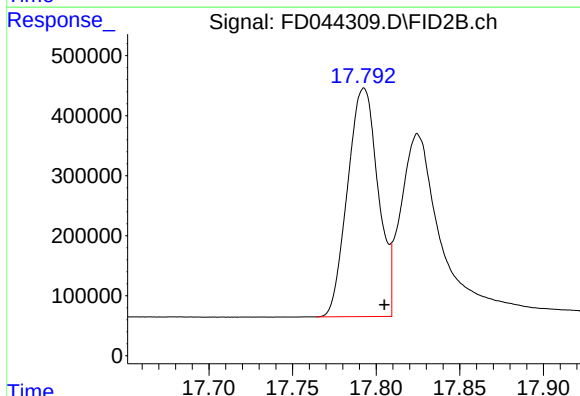
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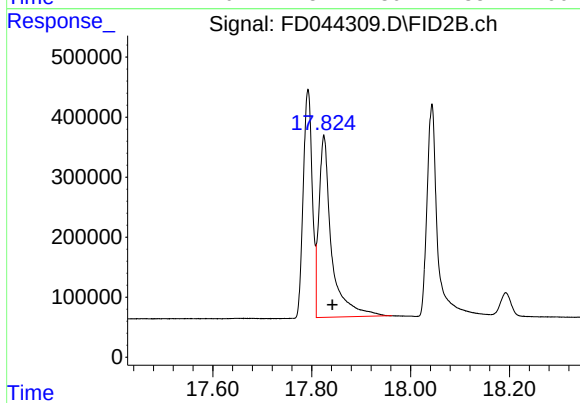
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.425 min
Delta R.T.: -0.018 min
Response: 4314593
Conc: 37.13 ug/ml



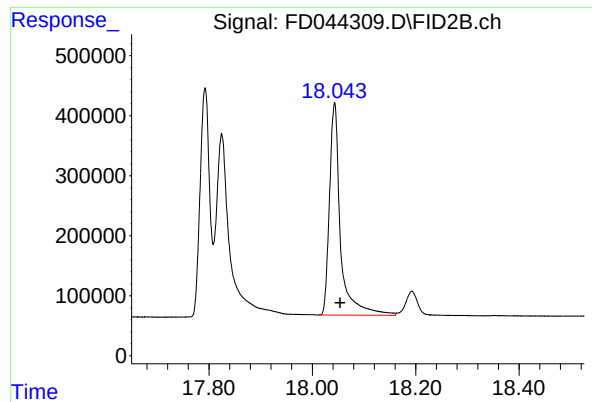
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.792 min
Delta R.T.: -0.012 min
Response: 4854603
Conc: 45.54 ug/ml m



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

R.T.: 17.824 min
Delta R.T.: -0.017 min
Response: 5363249
Conc: 43.35 ug/ml m



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

R.T.: 18.043 min
Delta R.T.: -0.011 min
Response: 5234106
Conc: 44.58 ug/ml

Instrument :

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