

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041824AR\
 Data File : FD047543.D
 Signal(s) : FID2B.ch
 Acq On : 19 Apr 2024 01:13
 Operator : YP/AJ
 Sample : P2124-02MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-131-SB02MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2024
 Supervised By :Ankita Jodhani 04/19/2024

Integration File: autoint1.e
 Quant Time: Apr 19 04:36:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.463	8069553	53.977 ug/ml
Spiked Amount 50.000		Recovery =	107.95%
6) S 2-Fluorobiphenyl (SURR)	8.317	5172911	52.943 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.89%
11) S ortho-Terphenyl (SURR)	11.352	4707665	27.462 ug/ml
Spiked Amount 50.000		Recovery =	54.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.277	6713131	42.484 ug/ml
2) T Naphthalene (C11.7)	5.801	7619111	46.560 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	7842751	47.681 ug/ml
5) T Acenaphthylene (C15.06)	8.120	8210096	54.393 ug/ml
7) T Acenaphthene (C15.5)	8.416	8220788	51.328 ug/ml
8) T Flouorene (C16.55)	9.194	8488049	54.867 ug/ml
9) T Phenanthrene (C19.36)	10.584	8642395	58.088 ug/ml
10) T Anthracene (C19.43)	10.660	8560757	62.944 ug/ml
12) T Fluoranthene (C21.85)	12.390	8631555	58.388 ug/ml
13) T Pyrene (C20.8)	12.685	8711185	60.360 ug/ml
14) T Benzo[a]anthracene (C...	14.554	8206959	62.404 ug/mlm
15) T Chrysene (C27.41)	14.597	8088710	57.362 ug/ml
16) T benzo[b]fluoranthene ...	16.099	8241695	59.075 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	8129524	58.449 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.476	7914035	57.639 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	8605177	63.794 ug/mlm
20) T Dibenz[a,h]anthracene...	17.880	7833628	58.287 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.094	7673817	55.291 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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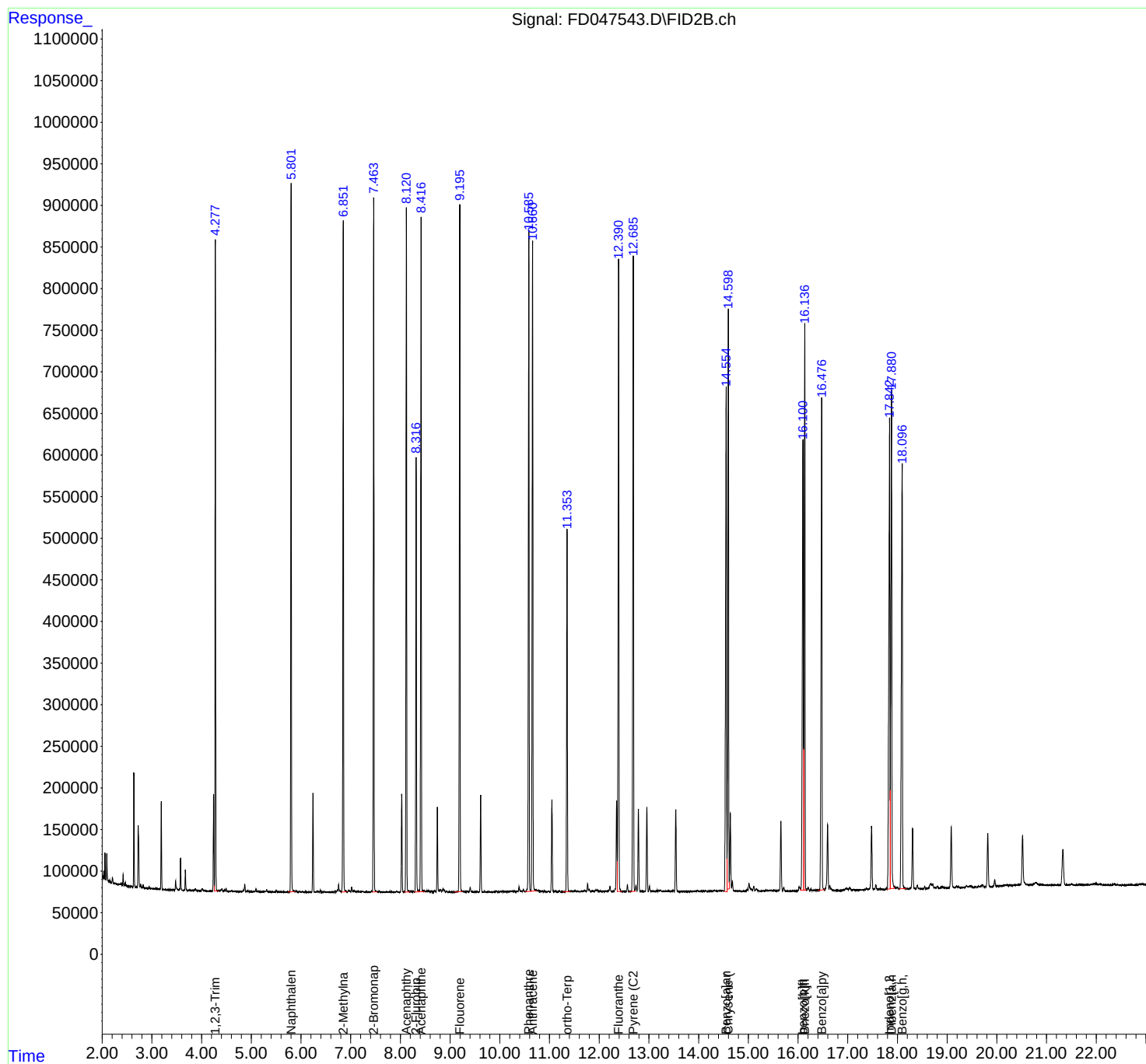
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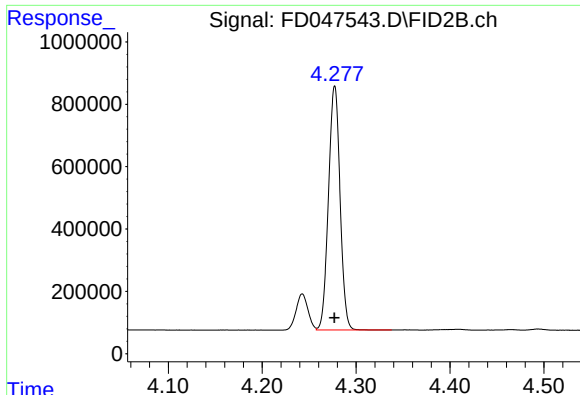
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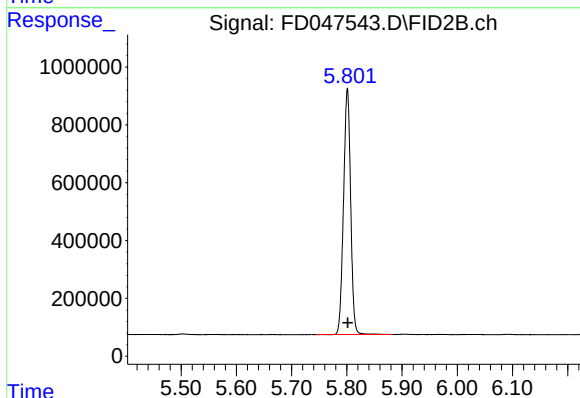
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 6713131
Conc: 42.48 ug/ml

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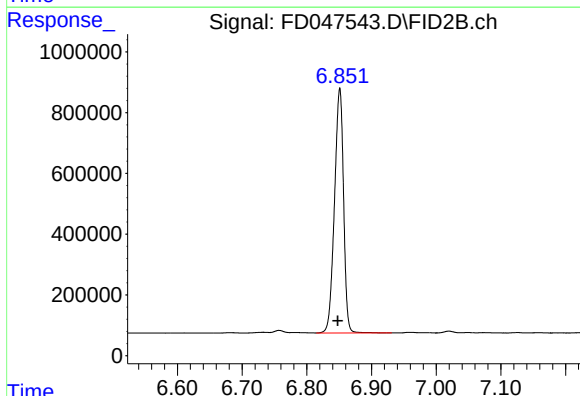
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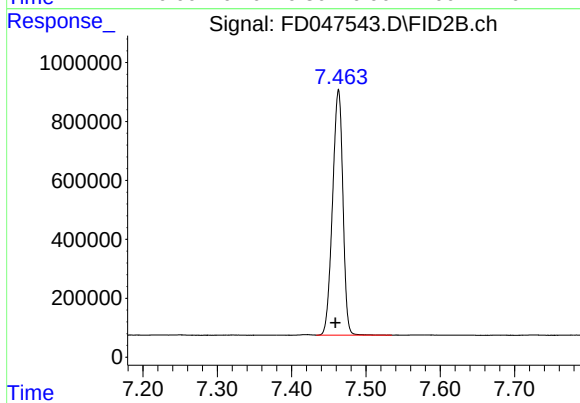
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 7619111
Conc: 46.56 ug/ml



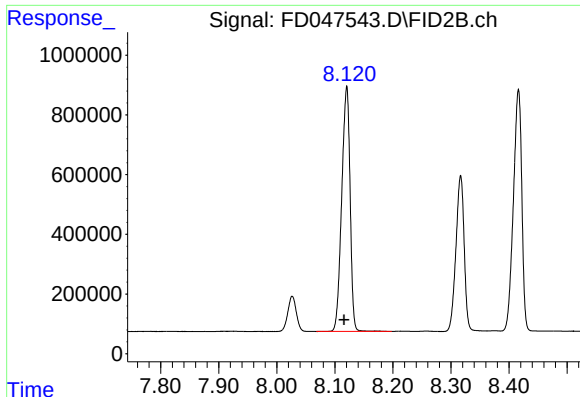
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: 0.003 min
Response: 7842751
Conc: 47.68 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 8069553
Conc: 53.98 ug/ml



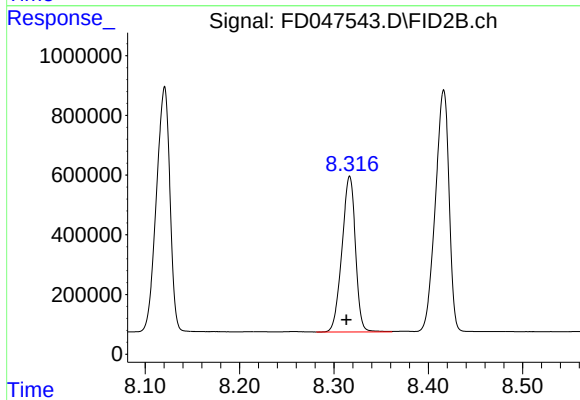
#5 Acenaphthylene (C15.06)

R.T.: 8.120 min
Delta R.T.: 0.004 min
Response: 8210096
Conc: 54.39 ug/ml

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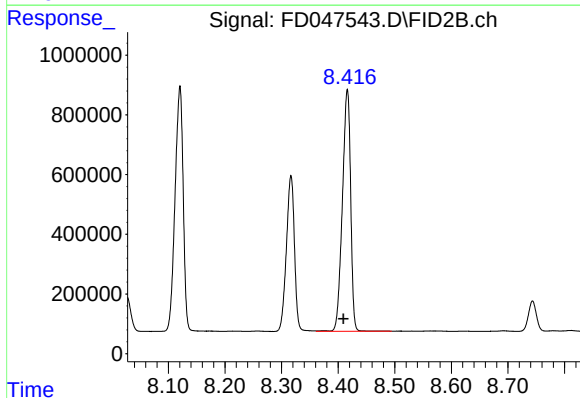
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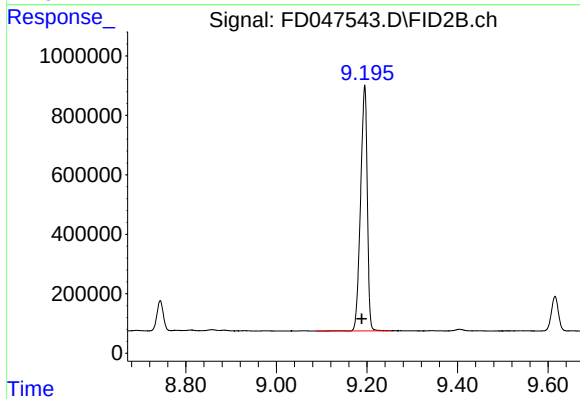
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: 0.003 min
Response: 5172911
Conc: 52.94 ug/ml



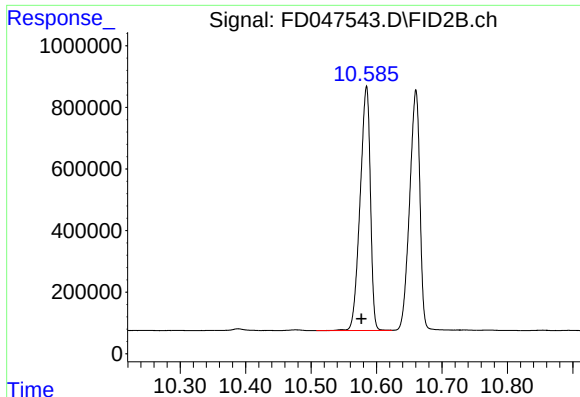
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: 0.007 min
Response: 8220788
Conc: 51.33 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.194 min
Delta R.T.: 0.006 min
Response: 8488049
Conc: 54.87 ug/ml



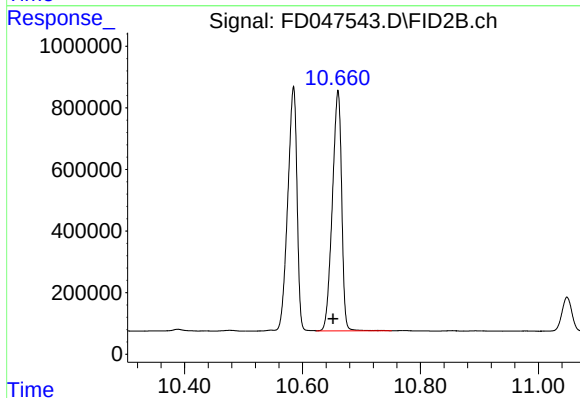
#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: 0.007 min
Response: 8642395
Conc: 58.09 ug/ml

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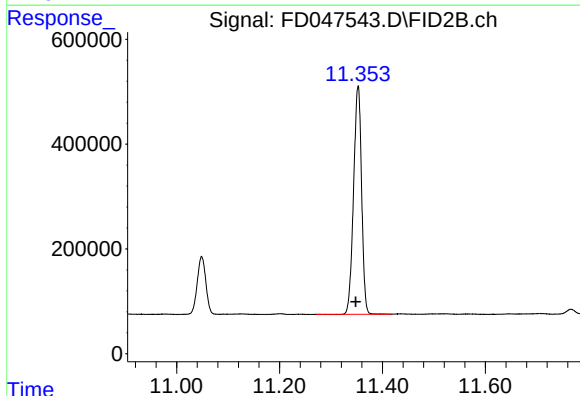
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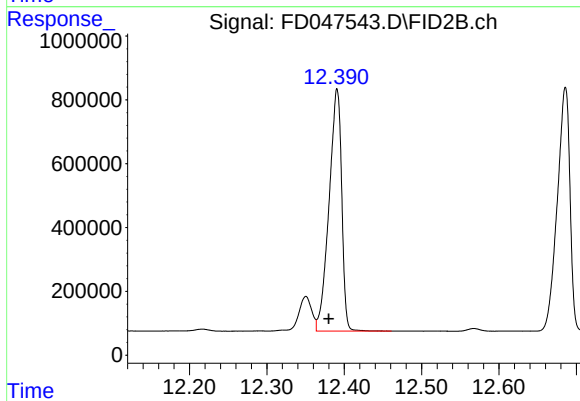
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.008 min
Response: 8560757
Conc: 62.94 ug/ml



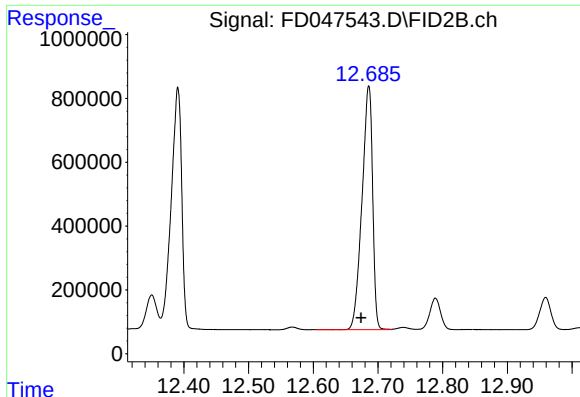
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.005 min
Response: 4707665
Conc: 27.46 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.390 min
Delta R.T.: 0.011 min
Response: 8631555
Conc: 58.39 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.685 min
Delta R.T.: 0.011 min
Response: 8711185
Conc: 60.36 ug/ml

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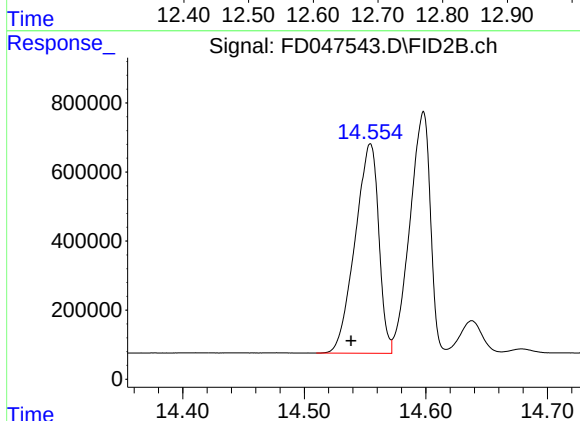
ClientSampleId :

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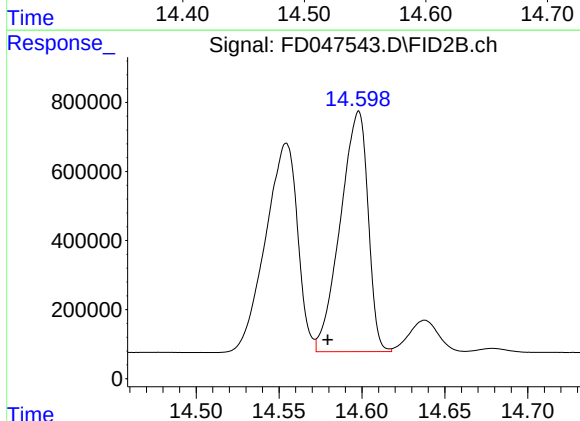
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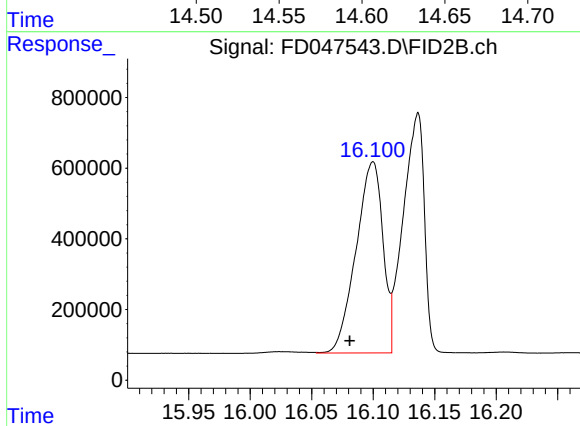
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.016 min
Response: 8206959
Conc: 62.40 ug/ml m



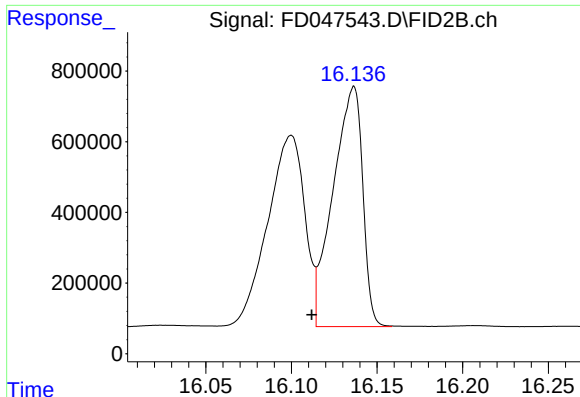
#15 Chrysene (C27.41)

R.T.: 14.597 min
Delta R.T.: 0.018 min
Response: 8088710
Conc: 57.36 ug/ml



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

R.T.: 16.099 min
Delta R.T.: 0.018 min
Response: 8241695
Conc: 59.07 ug/ml



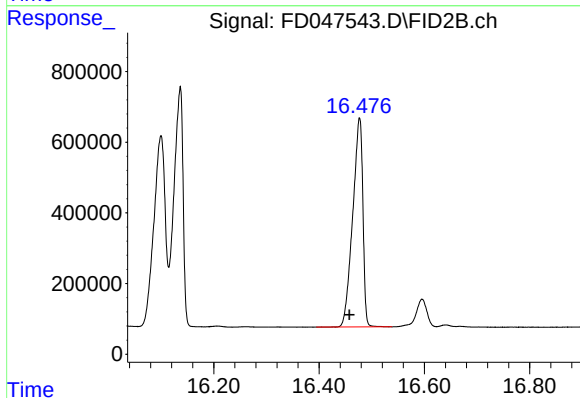
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.136 min
Delta R.T.: 0.024 min
Response: 8129524
Conc: 58.45 ug/ml

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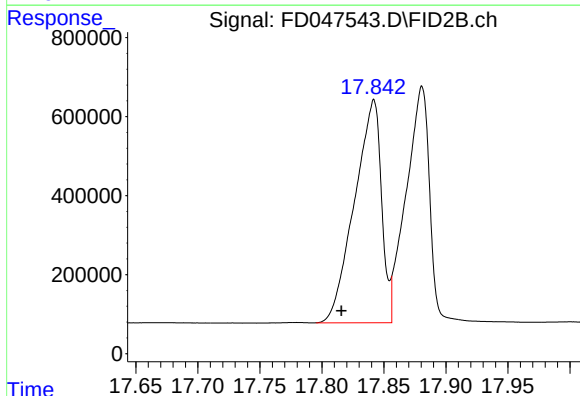
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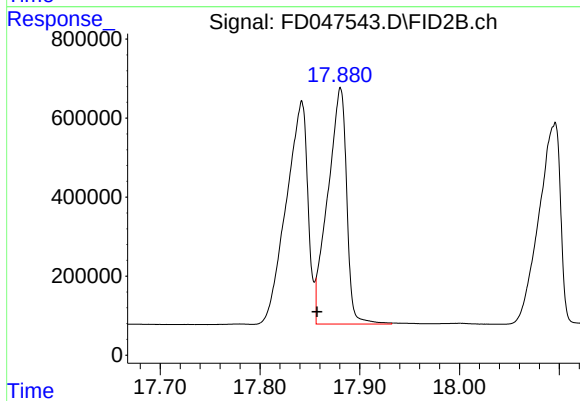
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: 0.019 min
Response: 7914035
Conc: 57.64 ug/ml



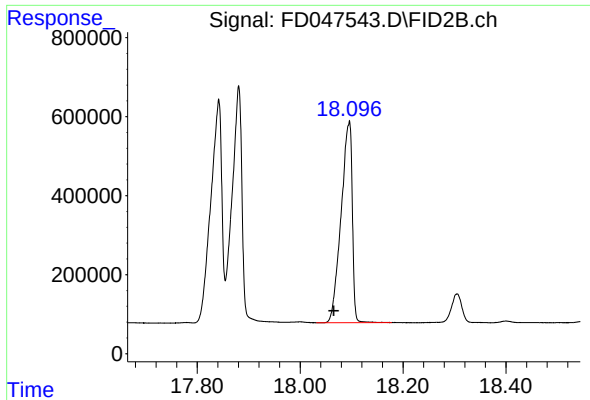
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: 0.026 min
Response: 8605177
Conc: 63.79 ug/ml m



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

R.T.: 17.880 min
Delta R.T.: 0.023 min
Response: 7833628
Conc: 58.29 ug/ml m



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

R.T.: 18.094 min
Delta R.T.: 0.028 min
Response: 7673817
Conc: 55.29 ug/ml

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