

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
 Data File : FD047921.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2024 22:38
 Operator : YP/AJ
 Sample : P2847-09MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

INT-PE5MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/13/2024

Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e

Quant Time: Jun 13 05:24:52 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...	7.429	7368133	52.483 ug/ml
Spiked Amount 50.000		Recovery =	104.97%
6) S 2-Fluorobiphenyl (SURR)	8.281	4822819	52.076 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.15%
11) S ortho-Terphenyl (SURR)	11.318	4849279	30.330 ug/ml
Spiked Amount 50.000		Recovery =	60.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	5716015	36.191 ug/ml
2) T Naphthalene (C11.7)	5.768	6470975	39.644 ug/ml
3) T 2-Methylnaphthalene (...)	6.816	6756790	41.005 ug/ml
5) T Acenaphthylene (C15.06)	8.084	7036833	43.053 ug/ml
7) T Acenaphthene (C15.5)	8.380	7116674	43.586 ug/ml
8) T Flouorene (C16.55)	9.158	7139160	45.381 ug/ml
9) T Phenanthrene (C19.36)	10.548	7315481	47.440 ug/ml
10) T Anthracene (C19.43)	10.623	7181761	47.772 ug/ml
12) T Fluoranthene (C21.85)	12.353	7359841	48.498 ug/ml
13) T Pyrene (C20.8)	12.648	7427646	49.270 ug/mlm
14) T Benzo[a]anthracene (C...	14.518	6626726	48.341 ug/mlm
15) T Chrysene (C27.41)	14.561	6660374	45.211 ug/mlm
16) T benzo[b]fluoranthene ...	16.065	6835103	48.565 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.099	6586903	48.369 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.441	6370555	46.024 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807	6416453	55.659 ug/mlm
20) T Dibenz[a,h]anthracene...	17.843	6178360	46.334 ug/ml
21) T Benzo[g,h,i]perylene ...	18.058	6290386	47.301 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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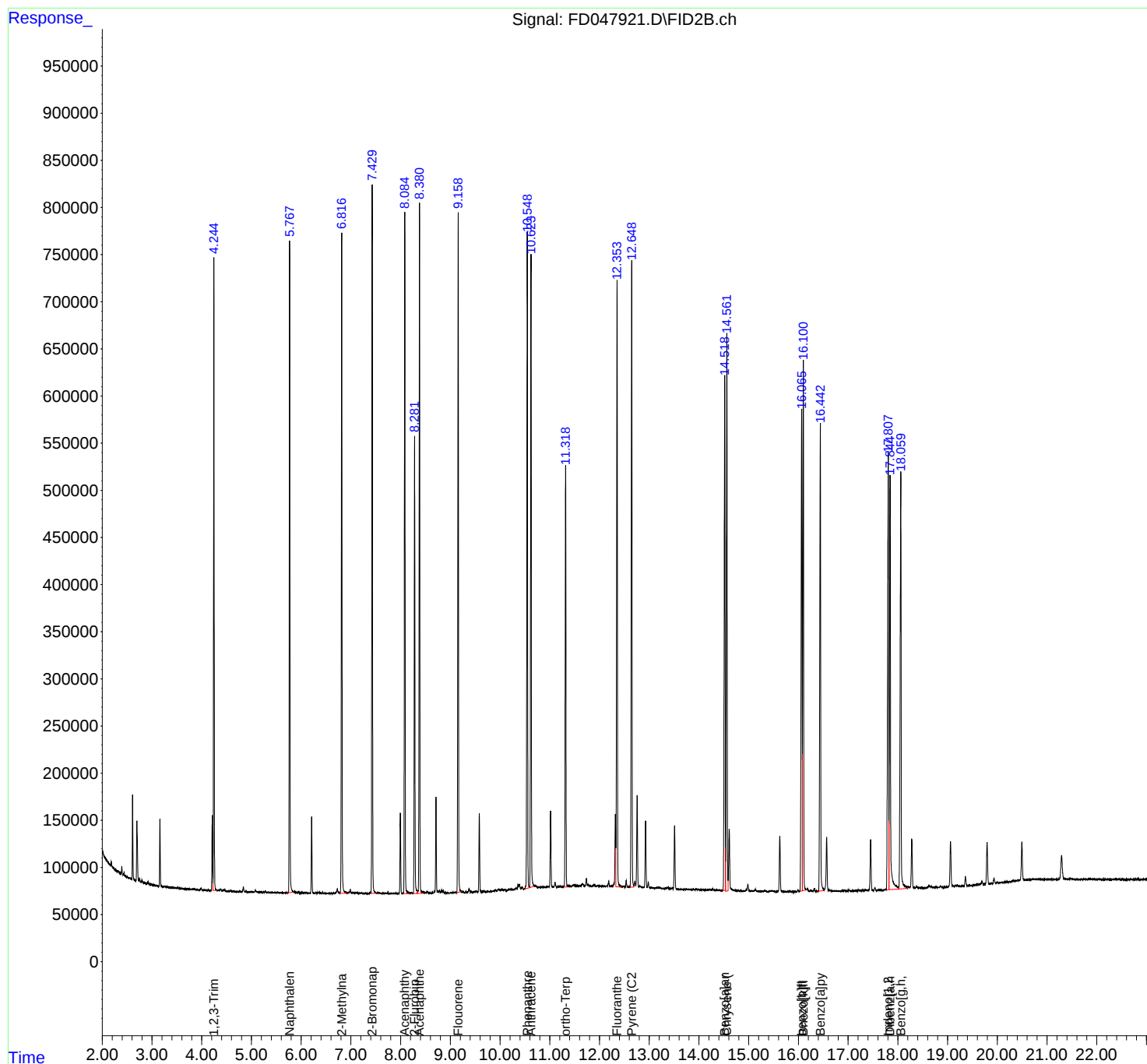
Instrument :
FID_D
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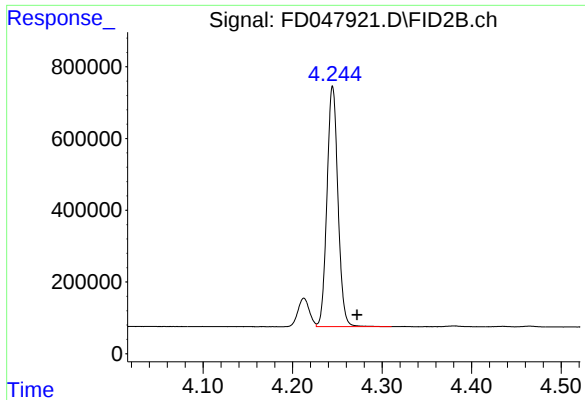
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Integration File: autoint1.e
Quant Time: Jun 13 05:24:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
Quant Title : GC Extractables
QLast Update : Tue May 21 19:00:48 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.245 min
Delta R.T.: -0.027 min
Response: 5716015
Conc: 36.19 ug/ml

Instrument :

FID_D

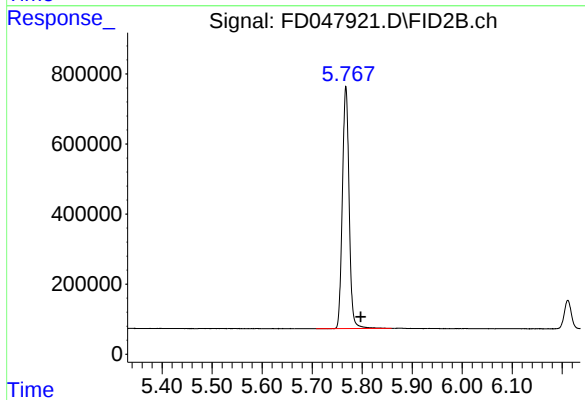
ClientSampleId :

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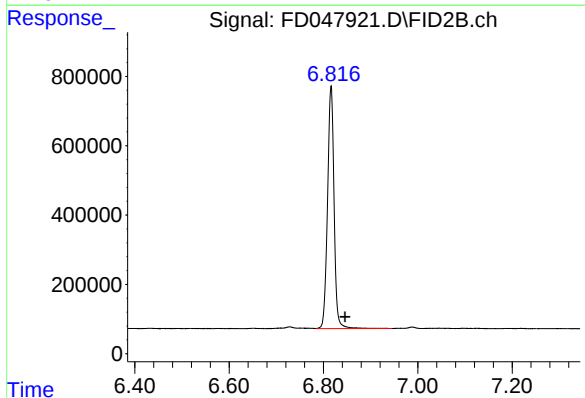
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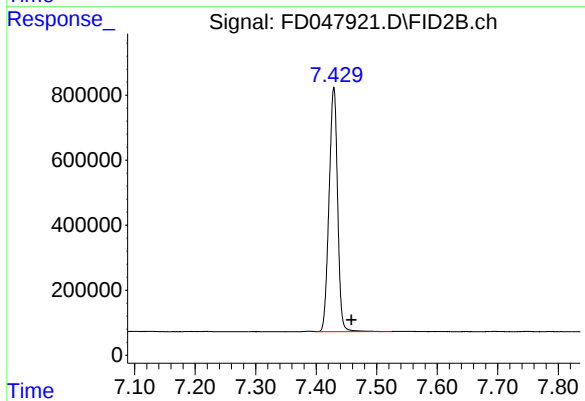
#2 Naphthalene (C11.7)

R.T.: 5.768 min
Delta R.T.: -0.030 min
Response: 6470975
Conc: 39.64 ug/ml



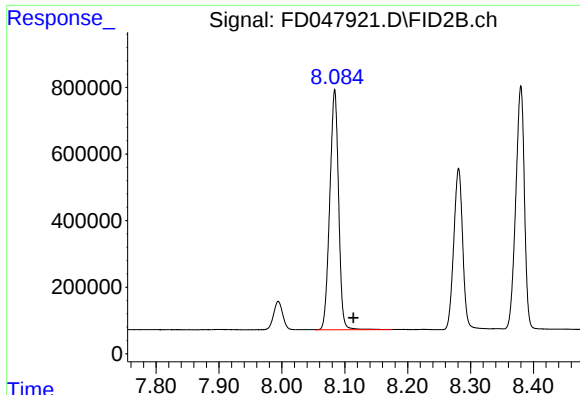
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.816 min
Delta R.T.: -0.030 min
Response: 6756790
Conc: 41.00 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.429 min
Delta R.T.: -0.029 min
Response: 7368133
Conc: 52.48 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.084 min
Delta R.T.: -0.030 min
Response: 7036833
Conc: 43.05 ug/ml

Instrument :

FID_D

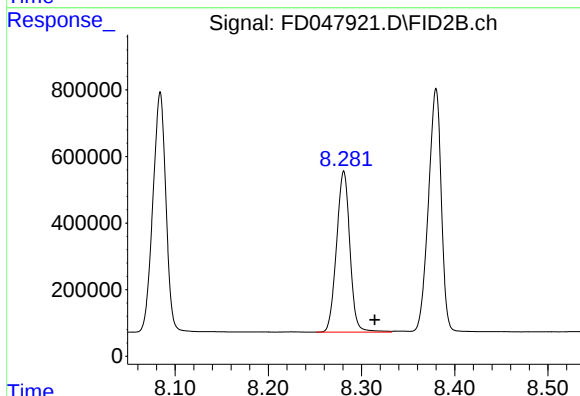
ClientSampleId :

INT-PE5MSD

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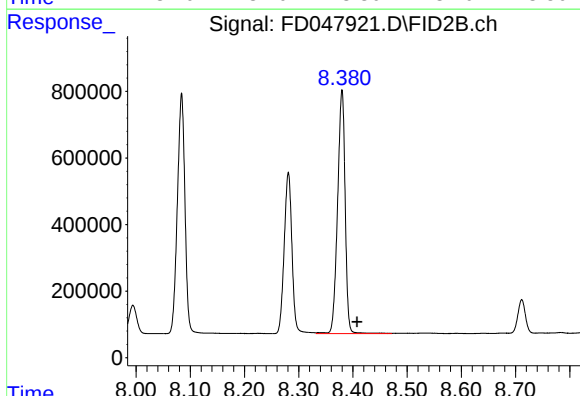
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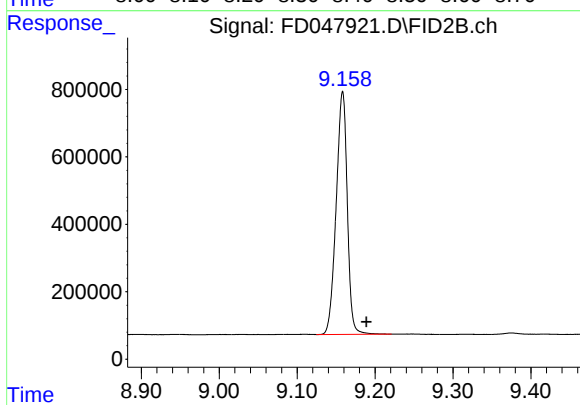
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.281 min
Delta R.T.: -0.033 min
Response: 4822819
Conc: 52.08 ug/ml



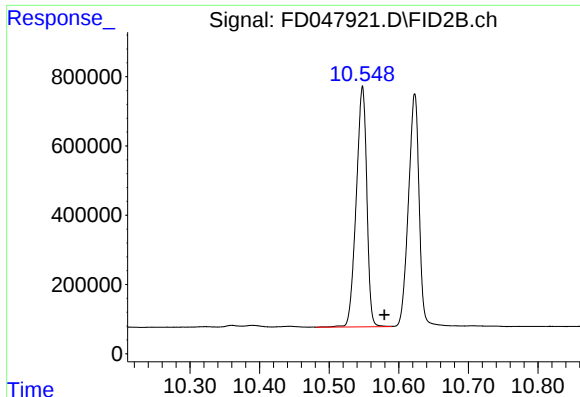
#7 Acenaphthene (C15.5)

R.T.: 8.380 min
Delta R.T.: -0.028 min
Response: 7116674
Conc: 43.59 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.158 min
Delta R.T.: -0.031 min
Response: 7139160
Conc: 45.38 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.548 min
Delta R.T.: -0.032 min
Response: 7315481
Conc: 47.44 ug/ml

Instrument :

FID_D

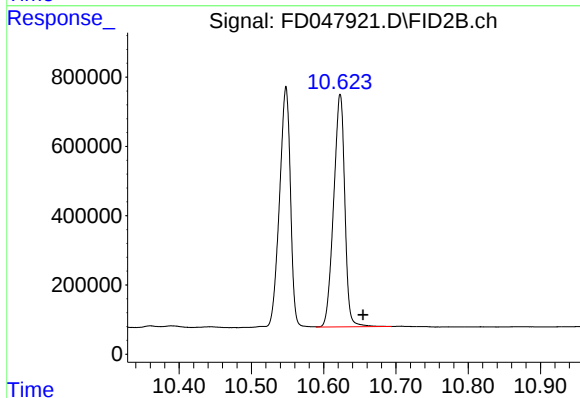
ClientSampleId :

INT-PE5MSD

Manual Integrations

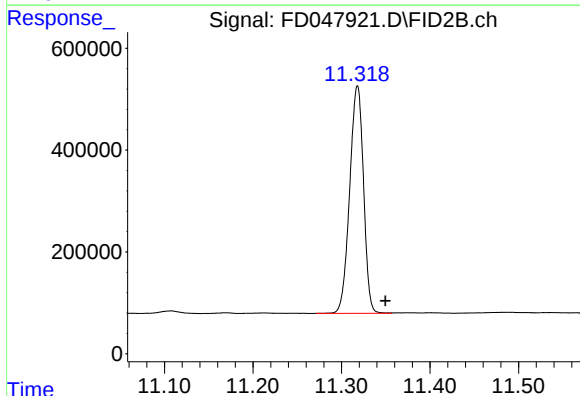
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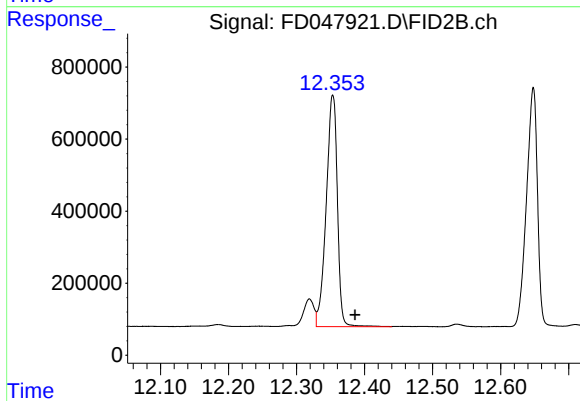
#10 Anthracene (C19.43)

R.T.: 10.623 min
Delta R.T.: -0.032 min
Response: 7181761
Conc: 47.77 ug/ml



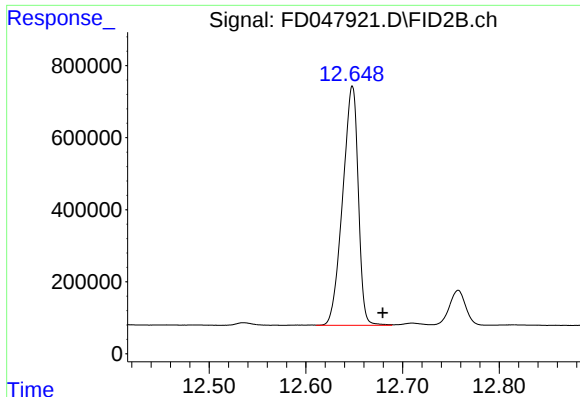
#11 ortho-Terphenyl (SURR)

R.T.: 11.318 min
Delta R.T.: -0.032 min
Response: 4849279
Conc: 30.33 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.353 min
Delta R.T.: -0.033 min
Response: 7359841
Conc: 48.50 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.648 min
Delta R.T.: -0.032 min
Response: 7427646
Conc: 49.27 ug/ml

Instrument :

FID_D

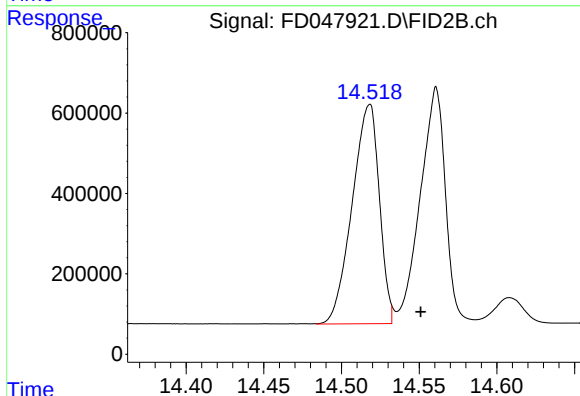
ClientSampleId :

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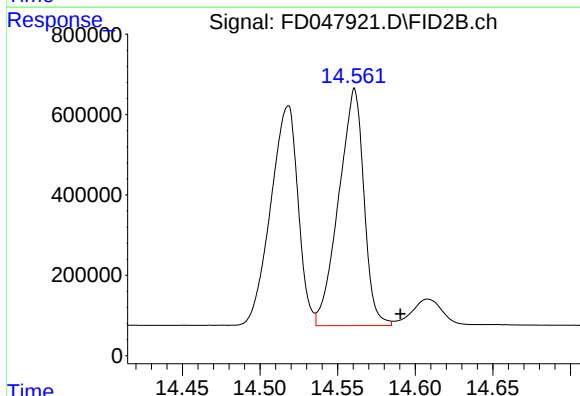
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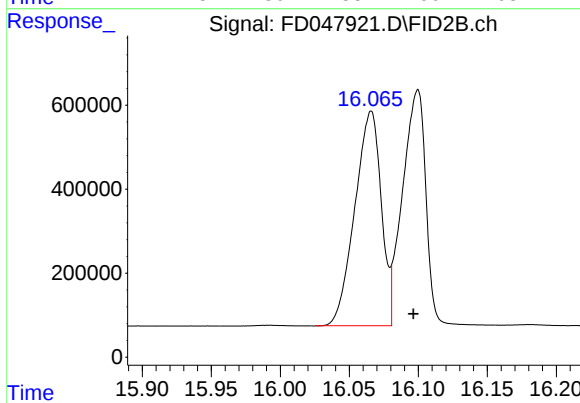
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.518 min
Delta R.T.: -0.033 min
Response: 6626726
Conc: 48.34 ug/ml m



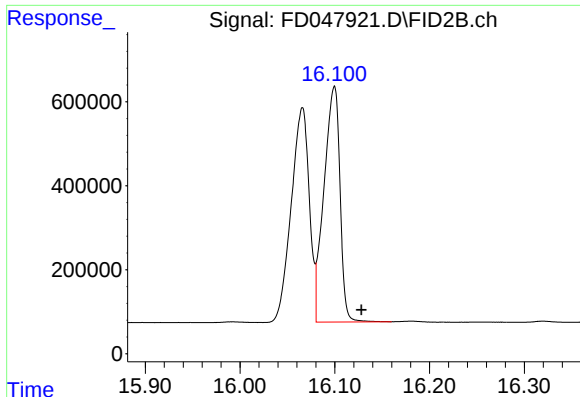
#15 Chrysene (C27.41)

R.T.: 14.561 min
Delta R.T.: -0.030 min
Response: 6660374
Conc: 45.21 ug/ml m



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

R.T.: 16.065 min
Delta R.T.: -0.031 min
Response: 6835103
Conc: 48.56 ug/ml m



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

R.T.: 16.099 min
Delta R.T.: -0.029 min
Response: 6586903
Conc: 48.37 ug/ml

Instrument :

FID_D

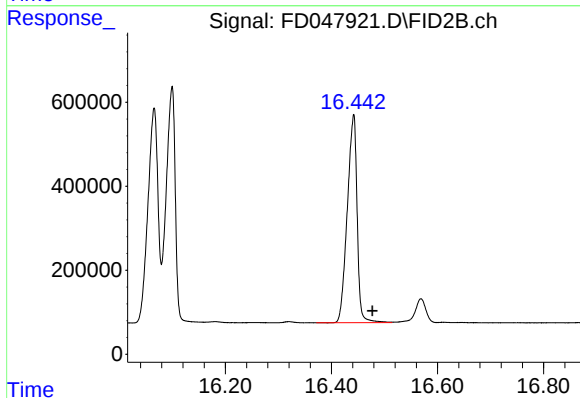
ClientSampleId :

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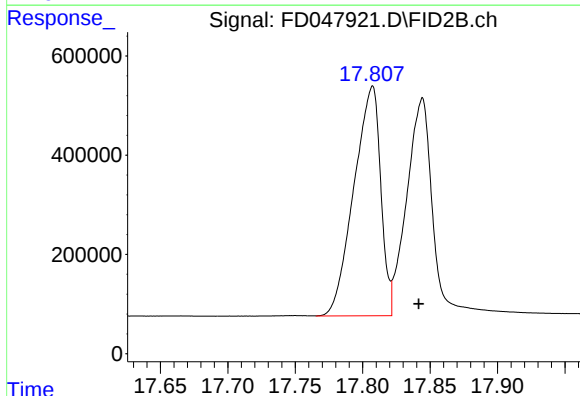
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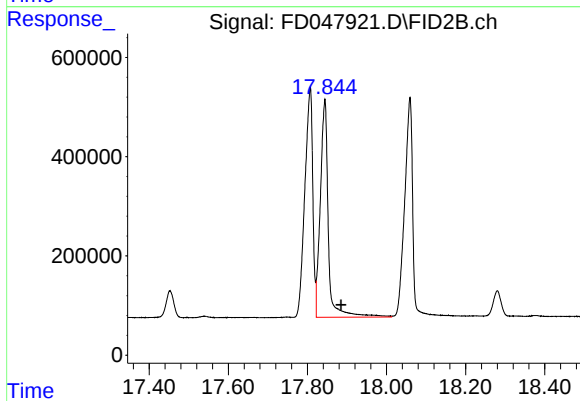
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.441 min
Delta R.T.: -0.036 min
Response: 6370555
Conc: 46.02 ug/ml



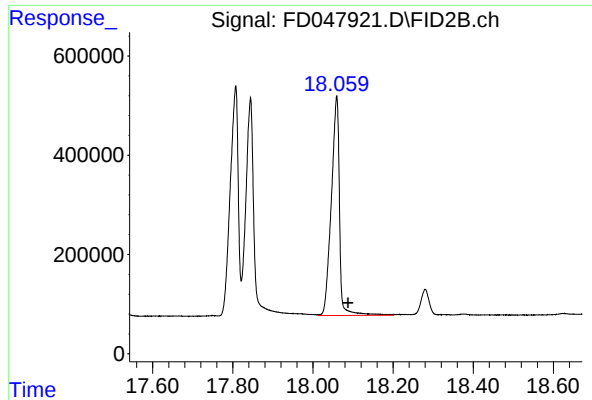
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min
Delta R.T.: -0.034 min
Response: 6416453
Conc: 55.66 ug/ml m



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

R.T.: 17.843 min
Delta R.T.: -0.041 min
Response: 6178360
Conc: 46.33 ug/ml



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

R.T.: 18.058 min
Delta R.T.: -0.030 min
Response: 6290386
Conc: 47.30 ug/ml

Instrument :

FID_D

ClientSampleId :

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