

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
 Data File : FD047920.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2024 22:01
 Operator : YP/AJ
 Sample : P2847-09MS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

INT-PE5MS

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 05:24:26 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...	7.428	5161659	36.766 ug/ml
Spiked Amount 50.000		Recovery =	73.53%
6) S 2-Fluorobiphenyl (SURR)	8.280	3356307	36.241 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.48%
11) S ortho-Terphenyl (SURR)	11.317	3365213	21.048 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	4045949	25.617 ug/ml
2) T Naphthalene (C11.7)	5.767	4592624	28.136 ug/ml
3) T 2-Methylnaphthalene (...)	6.815	4730872	28.710 ug/ml
5) T Acenaphthylene (C15.06)	8.083	4889981	29.918 ug/ml
7) T Acenaphthene (C15.5)	8.378	4931008	30.200 ug/ml
8) T Flouorene (C16.55)	9.156	4944248	31.429 ug/ml
9) T Phenanthrene (C19.36)	10.545	5052314	32.763 ug/ml
10) T Anthracene (C19.43)	10.620	4941809	32.872 ug/ml
12) T Fluoranthene (C21.85)	12.350	5177441	34.117 ug/ml
13) T Pyrene (C20.8)	12.644	5170858	34.300 ug/mlm
14) T Benzo[a]anthracene (C...	14.514	4649561	33.918 ug/mlm
15) T Chrysene (C27.41)	14.556	4624561	31.392 ug/mlm
16) T benzo[b]fluoranthene ...	16.061	4724029	33.565 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.094	4605391	33.819 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.437	4416355	31.906 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.801	4212130	36.538 ug/mlm
20) T Dibenz[a,h]anthracene...	17.839	4264239	31.979 ug/ml
21) T Benzo[g,h,i]perylene ...	18.052	4344204	32.666 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P2847-09MS
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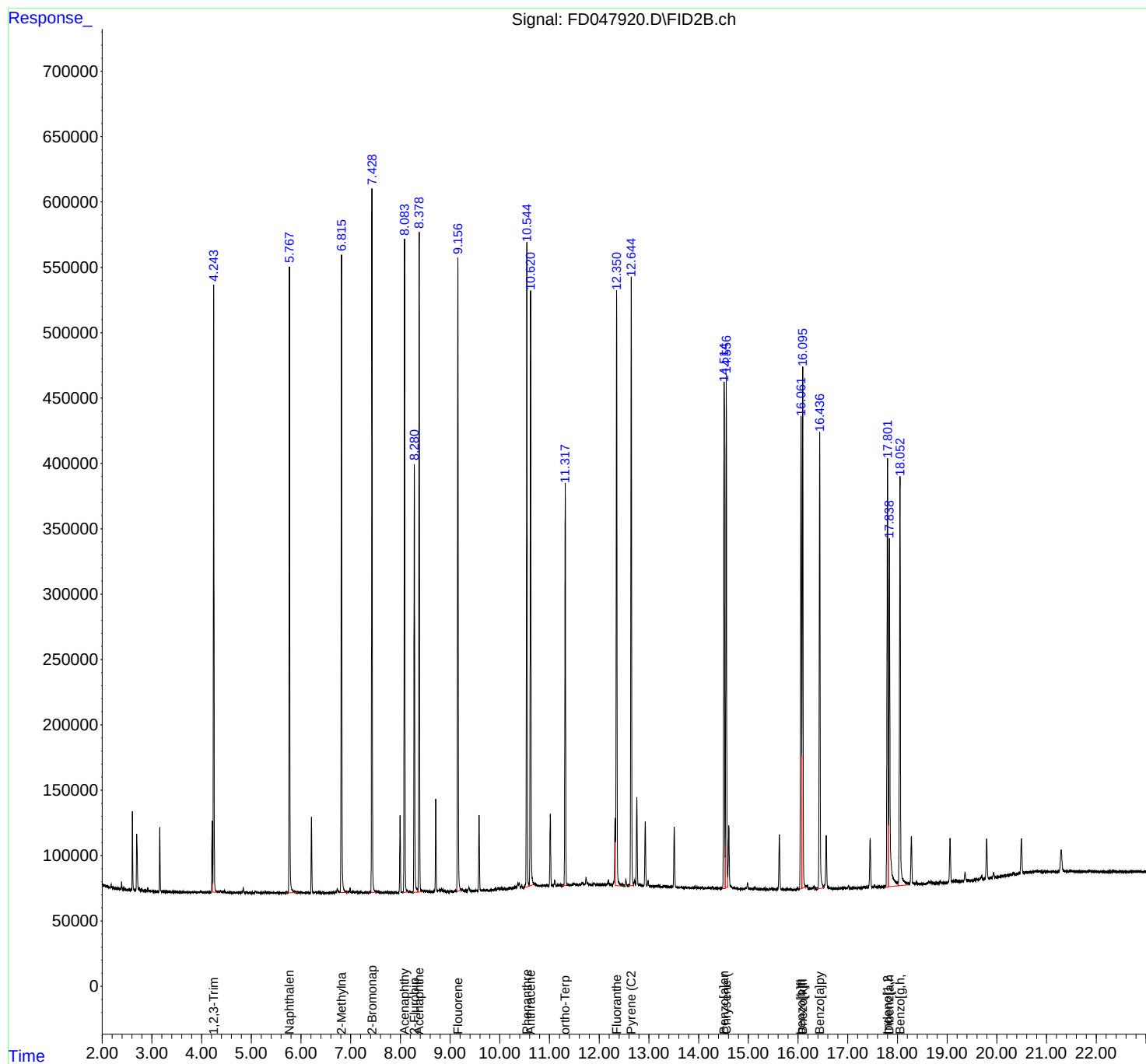
Instrument :
FID_D
ClientSampleId :
INT-PE5MS

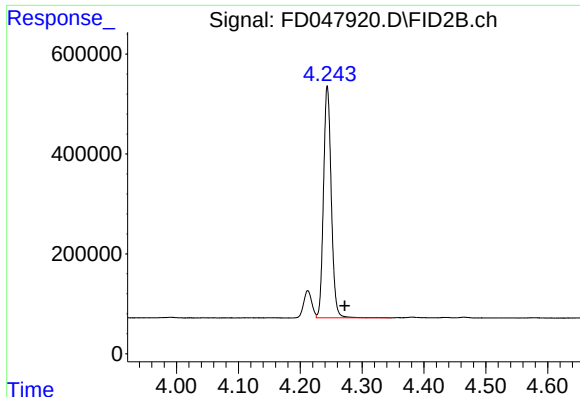
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
Quant Title : GC Extractables
QLast Update : Tue May 21 19:00:48 2024
Response via : Initial 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.: 4.244 min
Delta R.T.: -0.028 min
Response: 4045949
Conc: 25.62 ug/ml

Instrument :

FID_D

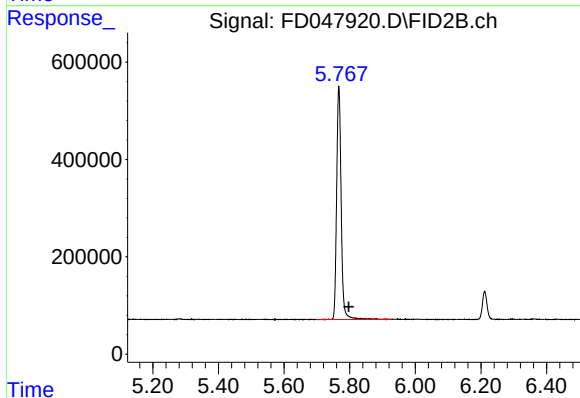
ClientSampleId :

INT-PE5MS

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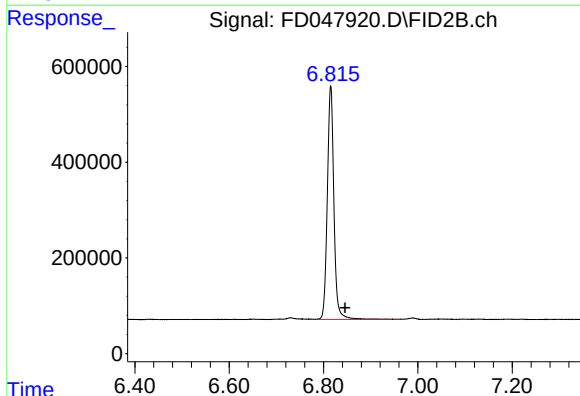
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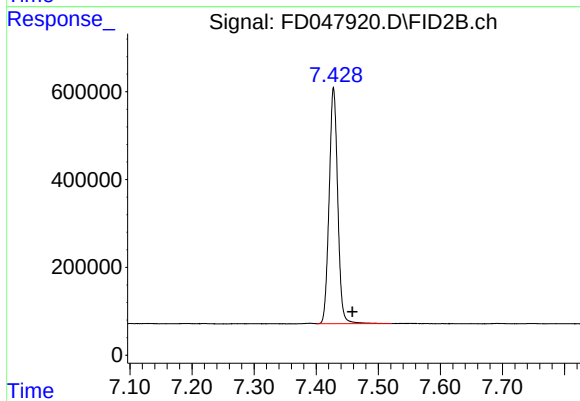
#2 Naphthalene (C11.7)

R.T.: 5.767 min
Delta R.T.: -0.030 min
Response: 4592624
Conc: 28.14 ug/ml



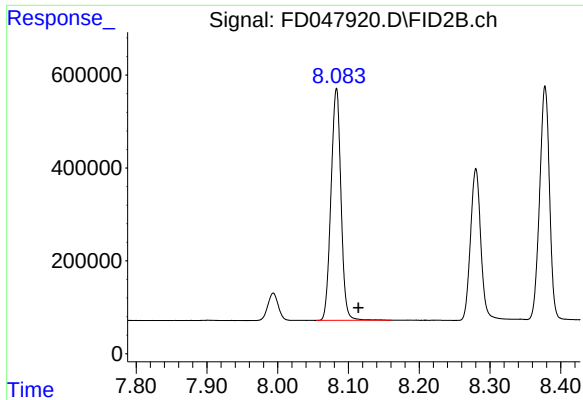
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.815 min
Delta R.T.: -0.031 min
Response: 4730872
Conc: 28.71 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.428 min
Delta R.T.: -0.030 min
Response: 5161659
Conc: 36.77 ug/ml



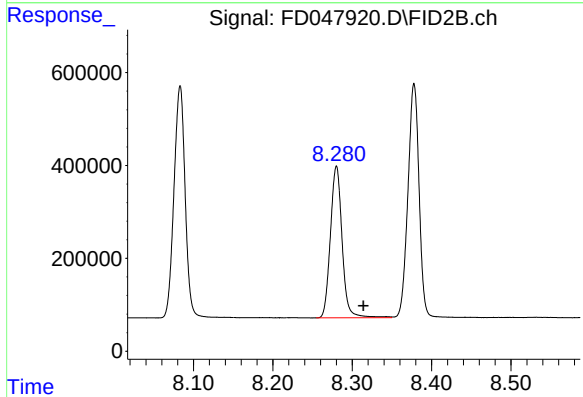
#5 Acenaphthylene (C15.06)

R.T.: 8.083 min
Delta R.T.: -0.031 min
Response: 4889981
Conc: 29.92 ug/ml

Instrument :
FID_D
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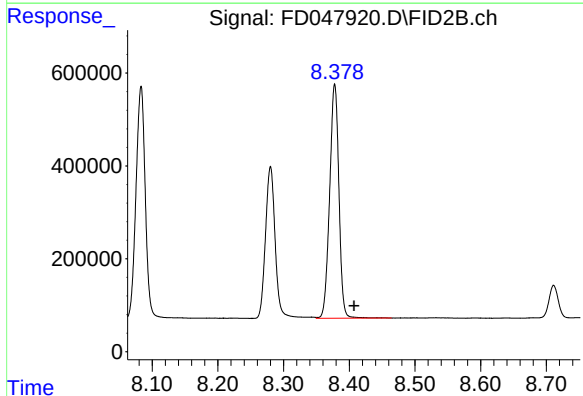
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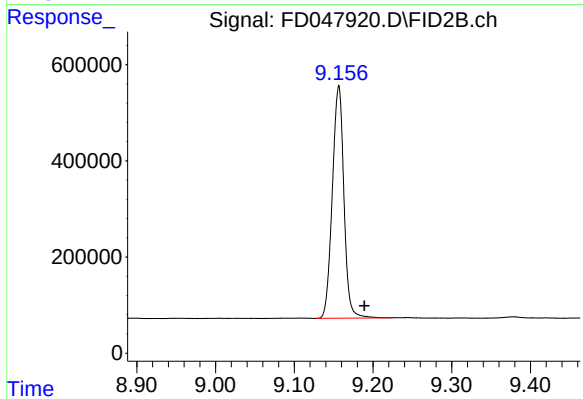
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.280 min
Delta R.T.: -0.034 min
Response: 3356307
Conc: 36.24 ug/ml



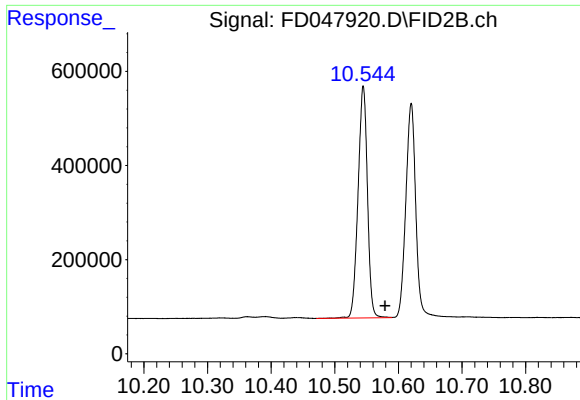
#7 Acenaphthene (C15.5)

R.T.: 8.378 min
Delta R.T.: -0.030 min
Response: 4931008
Conc: 30.20 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.156 min
Delta R.T.: -0.033 min
Response: 4944248
Conc: 31.43 ug/ml



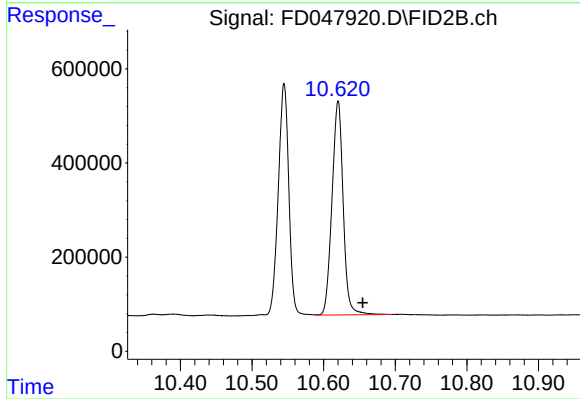
#9 Phenanthrene (C19.36)

R.T.: 10.545 min
Delta R.T.: -0.034 min
Response: 5052314
Conc: 32.76 ug/ml

Instrument :
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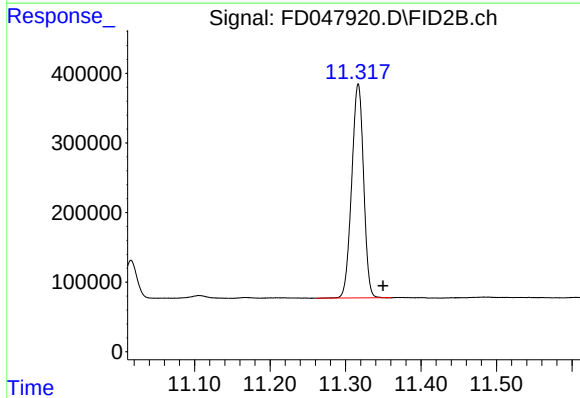
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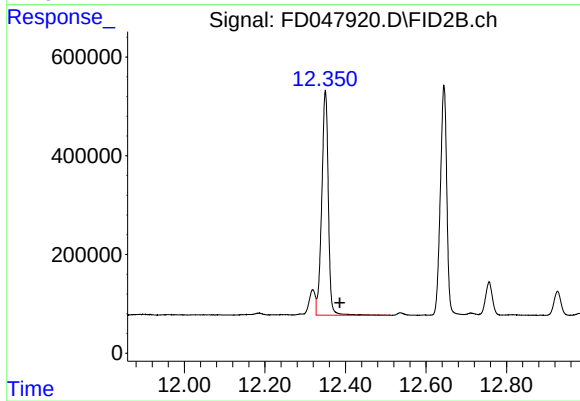
#10 Anthracene (C19.43)

R.T.: 10.620 min
Delta R.T.: -0.035 min
Response: 4941809
Conc: 32.87 ug/ml



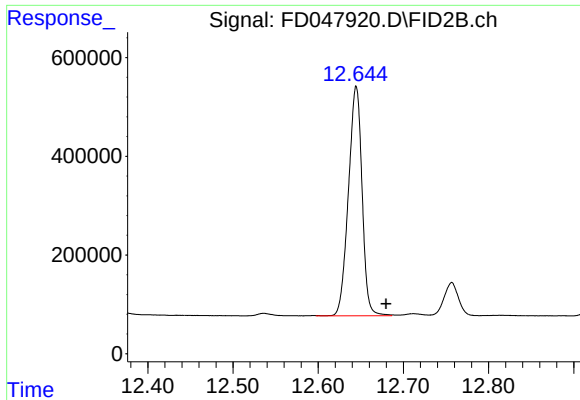
#11 ortho-Terphenyl (SURR)

R.T.: 11.317 min
Delta R.T.: -0.033 min
Response: 3365213
Conc: 21.05 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.350 min
Delta R.T.: -0.036 min
Response: 5177441
Conc: 34.12 ug/ml



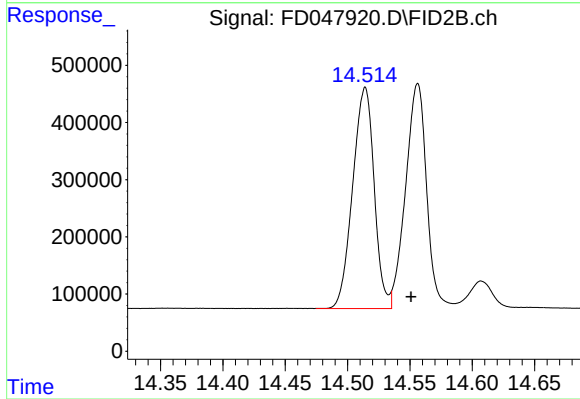
#13 Pyrene (C20.8)

R.T.: 12.644 min
Delta R.T.: -0.036 min
Response: 5170858
Conc: 34.30 ug/ml

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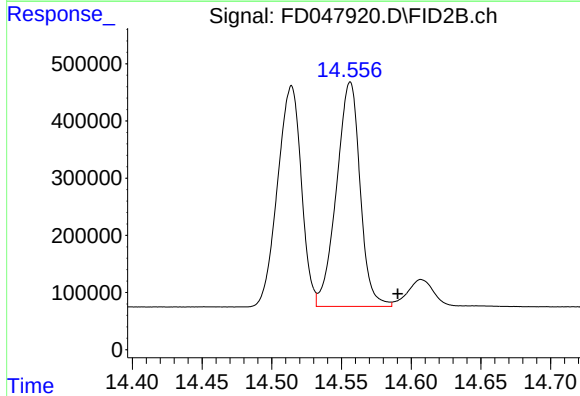
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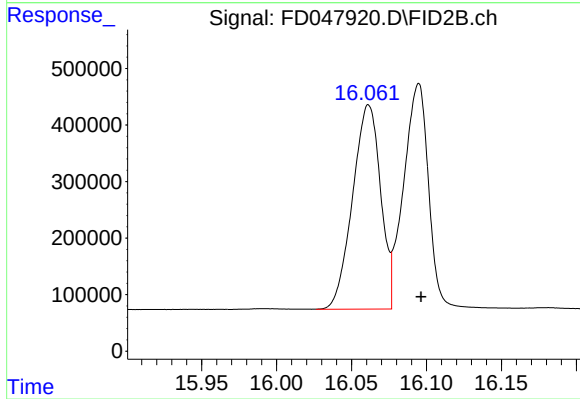
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.514 min
Delta R.T.: -0.037 min
Response: 4649561
Conc: 33.92 ug/ml m



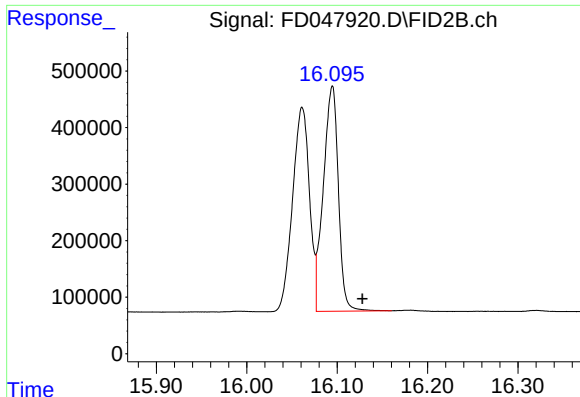
#15 Chrysene (C27.41)

R.T.: 14.556 min
Delta R.T.: -0.034 min
Response: 4624561
Conc: 31.39 ug/ml m



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

R.T.: 16.061 min
Delta R.T.: -0.036 min
Response: 4724029
Conc: 33.57 ug/ml m



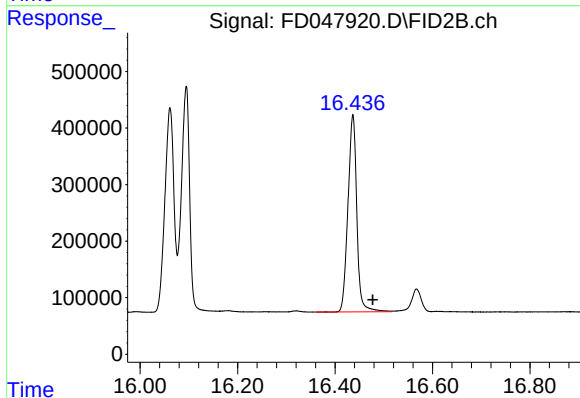
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.094 min
Delta R.T.: -0.034 min
Response: 4605391
Conc: 33.82 ug/ml

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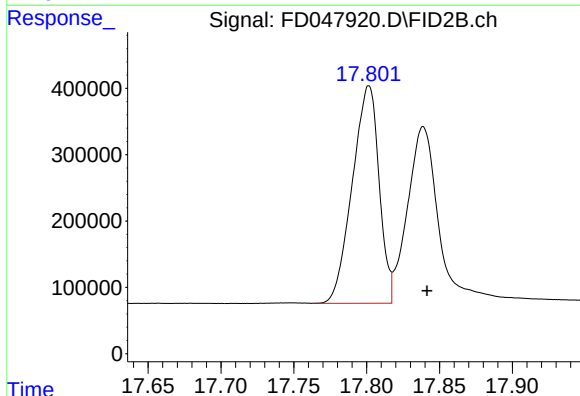
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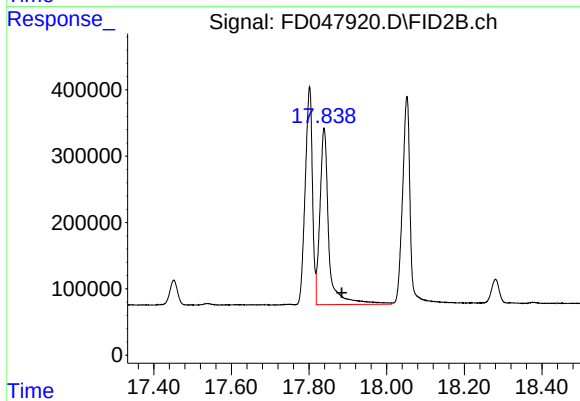
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.437 min
Delta R.T.: -0.041 min
Response: 4416355
Conc: 31.91 ug/ml



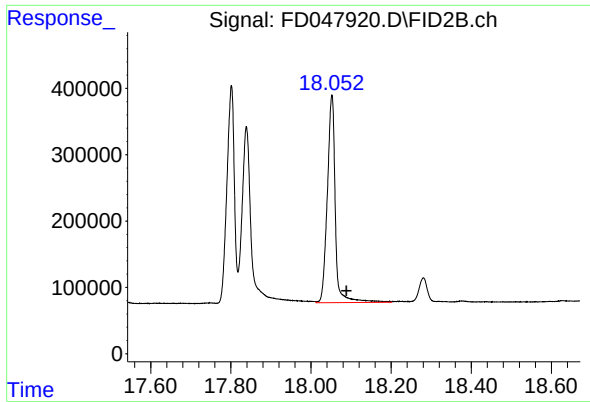
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.801 min
Delta R.T.: -0.040 min
Response: 4212130
Conc: 36.54 ug/ml m



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

R.T.: 17.839 min
Delta R.T.: -0.046 min
Response: 4264239
Conc: 31.98 ug/ml



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

R.T.: 18.052 min
Delta R.T.: -0.036 min
Response: 4344204
Conc: 32.67 ug/ml

Instrument :

FID_D

ClientSampleId :

INT-PE5MS

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