

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010421AR\
 Data File : FD035876.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2021 16:54
 Operator : DD\AJ
 Sample : L5246-06MS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 6MS

Manual Integrations
 APPROVED

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 1/5/2021 11:12:27 AM

Integration File: autoint1.e
 Quant Time: Jan 05 02:28:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 09:21:33 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.587	11324980	103.776 ug/mlm
Spiked Amount 50.000		Recovery =	207.55%
6) S 2-Fluorobiphenyl (SURR)	8.456	6920532	99.682 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.36%#
11) S ortho-Terphenyl (SURR)	11.492	11890957	91.997 ug/mlm
Spiked Amount 50.000		Recovery =	183.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.385	6431677	51.622 ug/ml
2) T Naphthalene (C11.7)	5.921	7210914	57.057 ug/ml
3) T 2-Methylnaphthalene (...)	6.977	12623962	99.803 ug/ml
5) T Acenaphthylene (C15.06)	8.254	10349322	81.810 ug/mlm
7) T Acenaphthene (C15.5)	8.551	9024768	66.536 ug/mlm
8) T Flouorene (C16.55)	9.335	9182984	74.770 ug/mlm
9) T Phenanthrene (C19.36)	10.735	9601208	78.724 ug/mlm
10) T Anthracene (C19.43)	10.811	9720033	77.666 ug/mlm
12) T Fluoranthene (C21.85)	12.549	9632609	79.042 ug/mlm
13) T Pyrene (C20.8)	12.846	9112529	74.479 ug/mlm
14) T Benzo[a]anthracene (C...	14.714	8206801	83.468 ug/ml
15) T Chrysene (C27.41)	14.757	9504684	77.568 ug/ml
16) T benzo[b]fluoranthene ...	16.267	7530051	79.069 ug/ml
17) T Bnezo[k]fluoranthene ...	16.300	7361420	66.836 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.647	7288238	80.054 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.020	7355369	90.839 ug/mlm
20) T Dibenz[a,h]anthracene...	18.052	7334160	68.638 ug/ml
21) T Benzo[g,h,i]perylene ...	18.276	7403141	80.075 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 63 Sample Multiplier: 1

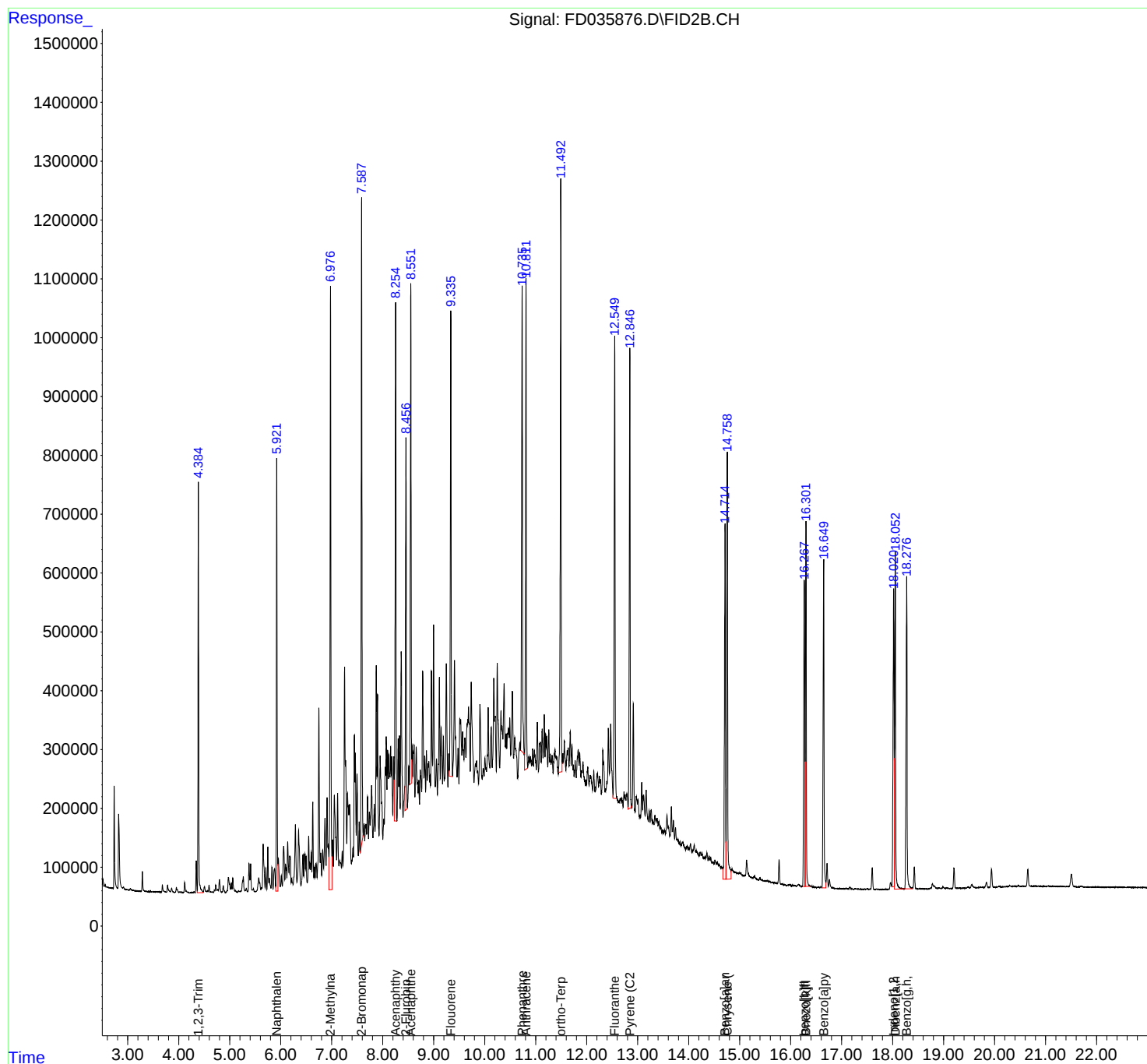
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ClientSampleId :
6MS

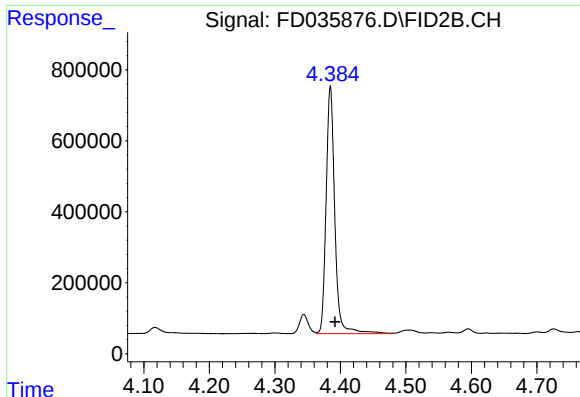
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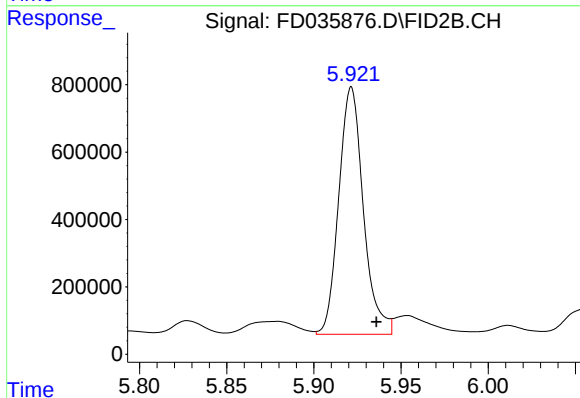
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.385 min
Delta R.T.: -0.007 min
Response: 6431677
Conc: 51.62 ug/ml

Instrument :
FID_D
ClientSampleId :
6MS

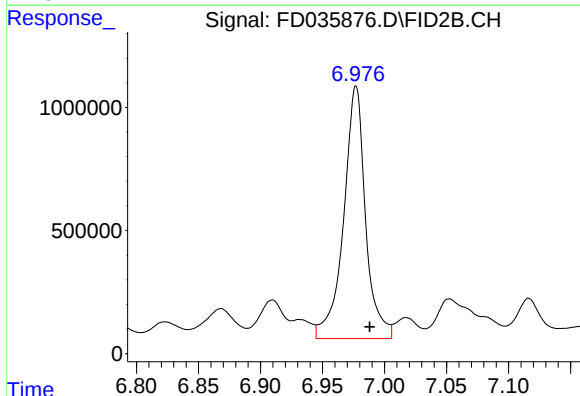
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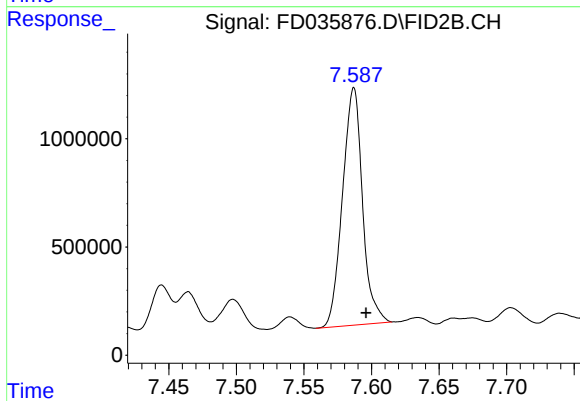
#2 Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: -0.014 min
Response: 7210914
Conc: 57.06 ug/ml



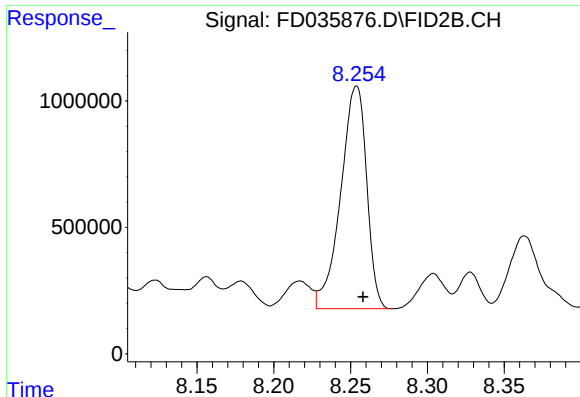
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.011 min
Response: 12623962
Conc: 99.80 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.587 min
Delta R.T.: -0.009 min
Response: 11324980
Conc: 103.78 ug/ml m



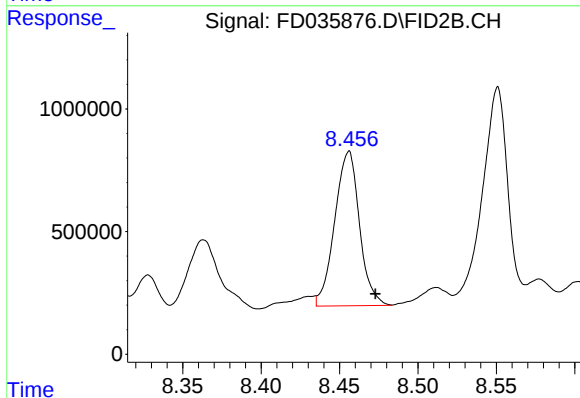
#5 Acenaphthylene (C15.06)

R.T.: 8.254 min
Delta R.T.: -0.004 min
Response: 10349322
Conc: 81.81 ug/ml m

Instrument :
FID_D
ClientSampleId :
6MS

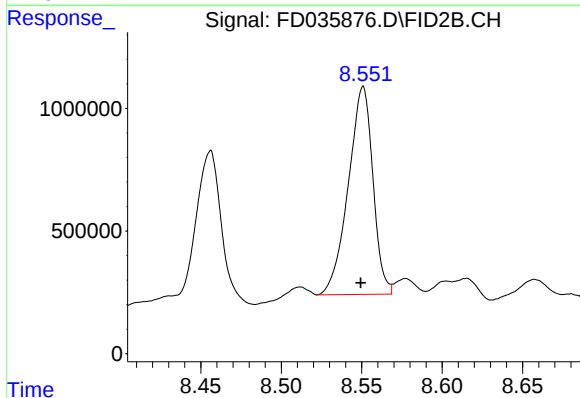
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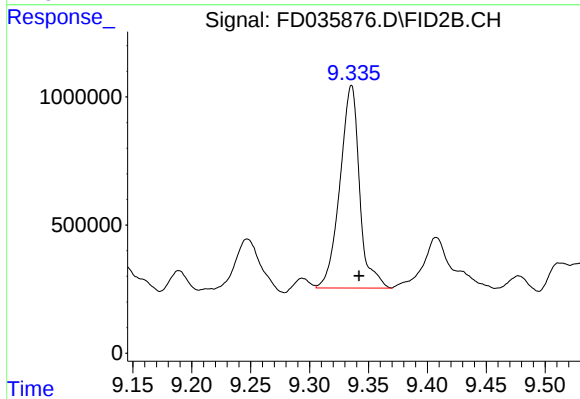
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: -0.017 min
Response: 6920532
Conc: 99.68 ug/ml m



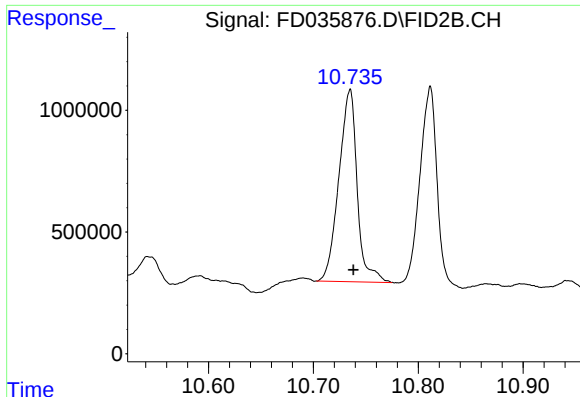
#7 Acenaphthene (C15.5)

R.T.: 8.551 min
Delta R.T.: 0.001 min
Response: 9024768
Conc: 66.54 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.335 min
Delta R.T.: -0.007 min
Response: 9182984
Conc: 74.77 ug/ml m



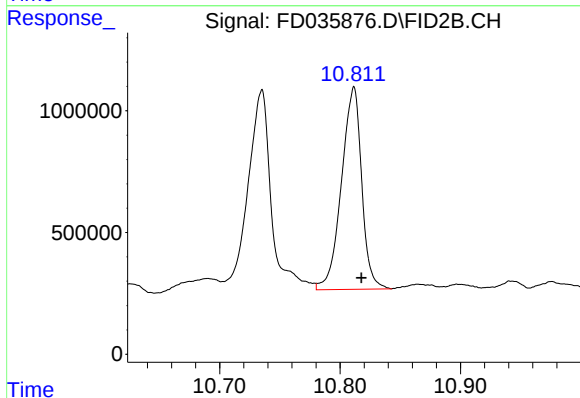
#9 Phenanthrene (C19.36)

R.T.: 10.735 min
Delta R.T.: -0.003 min
Response: 9601208
Conc: 78.72 ug/ml m

Instrument :
FID_D
ClientSampleId :
6MS

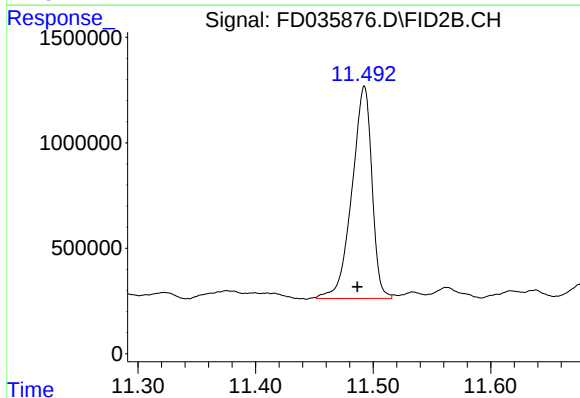
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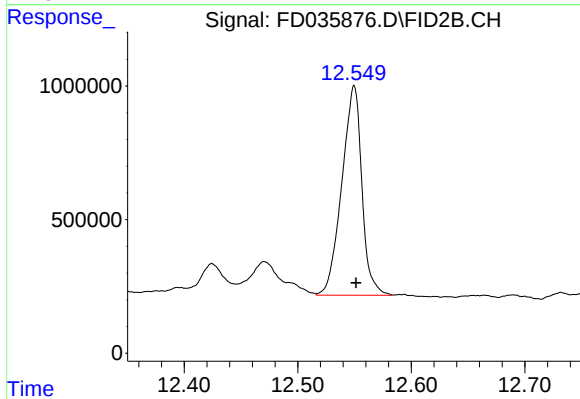
#10 Anthracene (C19.43)

R.T.: 10.811 min
Delta R.T.: -0.006 min
Response: 9720033
Conc: 77.67 ug/ml m



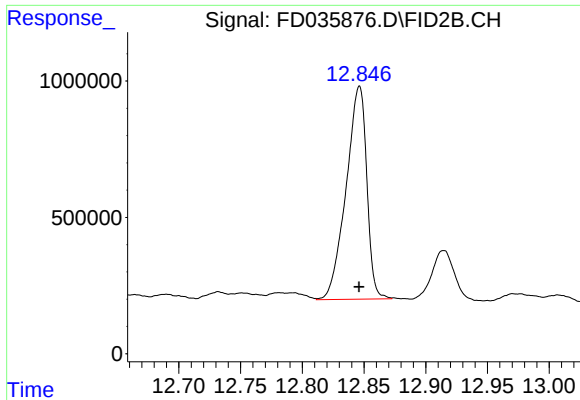
#11 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: 0.006 min
Response: 11890957
Conc: 92.00 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.549 min
Delta R.T.: -0.002 min
Response: 9632609
Conc: 79.04 ug/ml m



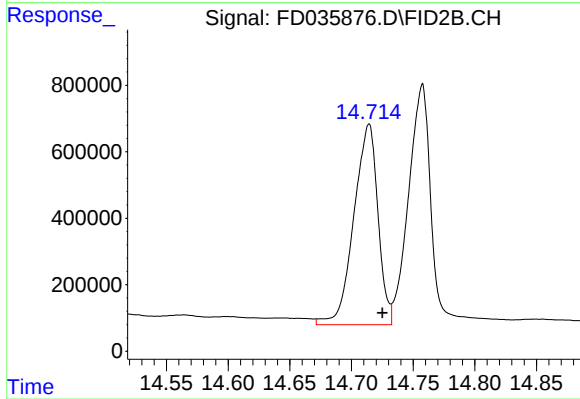
#13 Pyrene (C20.8)

R.T.: 12.846 min
Delta R.T.: 0.000 min
Response: 9112529
Conc: 74.48 ug/ml m

Instrument :
FID_D
ClientSampleId :
6MS

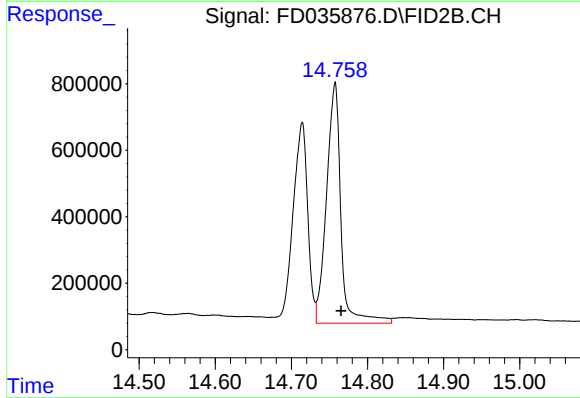
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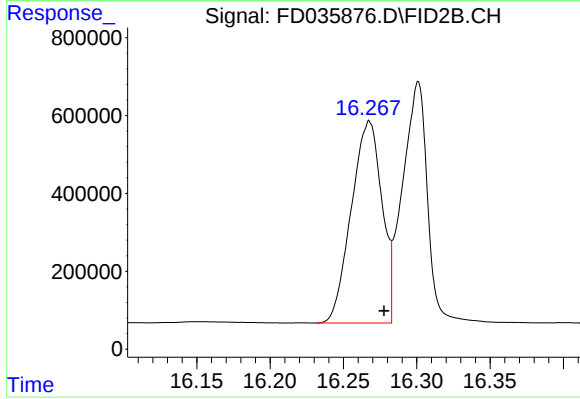
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.714 min
Delta R.T.: -0.011 min
Response: 8206801
Conc: 83.47 ug/ml



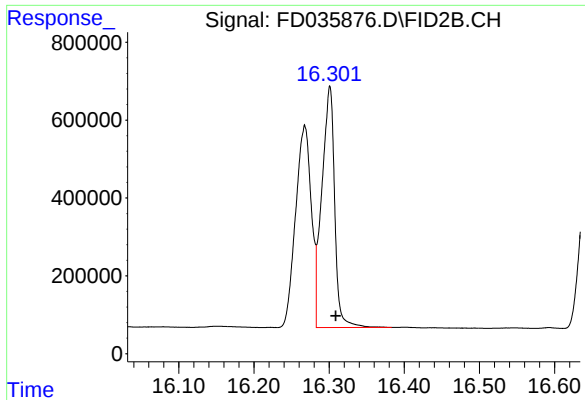
#15 Chrysene (C27.41)

R.T.: 14.757 min
Delta R.T.: -0.008 min
Response: 9504684
Conc: 77.57 ug/ml



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

R.T.: 16.267 min
Delta R.T.: -0.010 min
Response: 7530051
Conc: 79.07 ug/ml



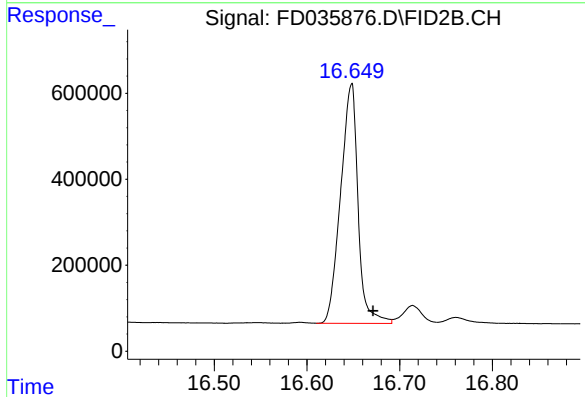
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.300 min
Delta R.T.: -0.008 min
Response: 7361420
Conc: 66.84 ug/ml

Instrument :
FID_D
ClientSampleId :
6MS

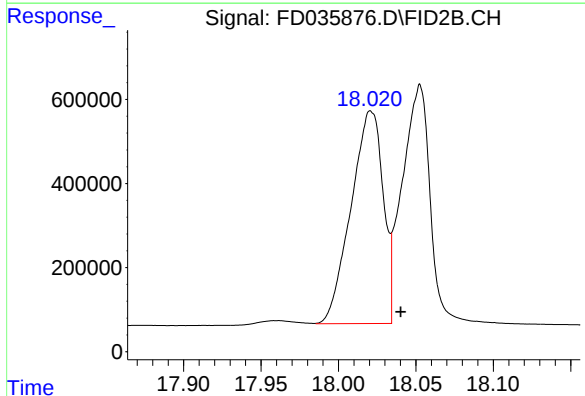
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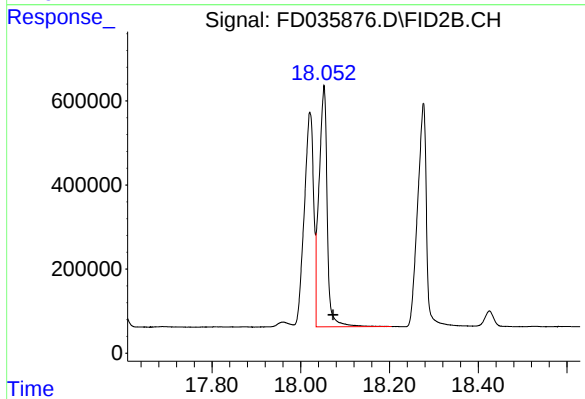
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.647 min
Delta R.T.: -0.024 min
Response: 7288238
Conc: 80.05 ug/ml



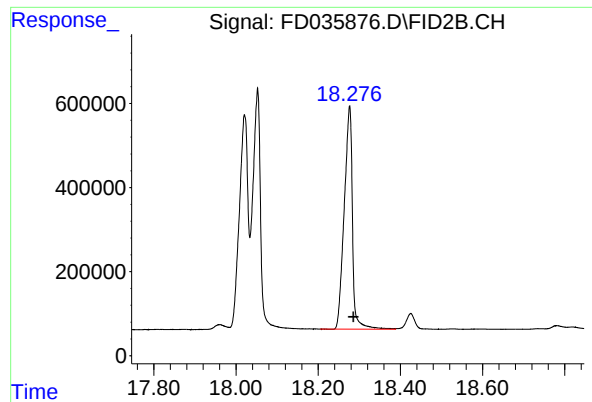
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.020 min
Delta R.T.: -0.020 min
Response: 7355369
Conc: 90.84 ug/ml m



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

R.T.: 18.052 min
Delta R.T.: -0.021 min
Response: 7334160
Conc: 68.64 ug/ml



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

R.T.: 18.276 min
Delta R.T.: -0.010 min
Response: 7403141
Conc: 80.07 ug/ml

Instrument :
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