

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032922AR\
 Data File : FD041785.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2022 18:52
 Operator : UA/NP
 Sample : N2142-01MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 CW-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 30 02:21:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 2022
 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...	7.348	5714367	35.628 ug/ml
Spiked Amount 50.000		Recovery =	71.26%
6) S 2-Fluorobiphenyl (SURR)	8.197	3603905	36.471 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.94%
11) S ortho-Terphenyl (SURR)	11.230	6489924	33.385 ug/mlm
Spiked Amount 50.000		Recovery =	66.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.169	4249493	24.261 ug/ml
2) T Naphthalene (C11.7)	5.690	4879224	27.654 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	5334355	33.341 ug/ml
5) T Acenaphthylene (C15.06)	8.000	5499551	29.718 ug/ml
7) T Acenaphthene (C15.5)	8.294	6120293	31.881 ug/ml
8) T Flouorene (C16.55)	9.072	5972163	33.852 ug/ml
9) T Phenanthrene (C19.36)	10.459	6668359	38.230 ug/ml
10) T Anthracene (C19.43)	10.534	6132658	33.694 ug/ml
12) T Fluoranthene (C21.85)	12.263	6632135	37.568 ug/ml
13) T Pyrene (C20.8)	12.556	6471714	38.279 ug/ml
14) T Benzo[a]anthracene (C...	14.426	5683551	38.010 ug/ml
15) T Chrysene (C27.41)	14.469	5742747	31.905 ug/ml
16) T benzo[b]fluoranthene ...	15.976	5529792	37.290 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	5584770	33.798 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.352	4902009	34.851 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.721	4968918	45.114 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	5326399	36.791 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	5073290	38.226 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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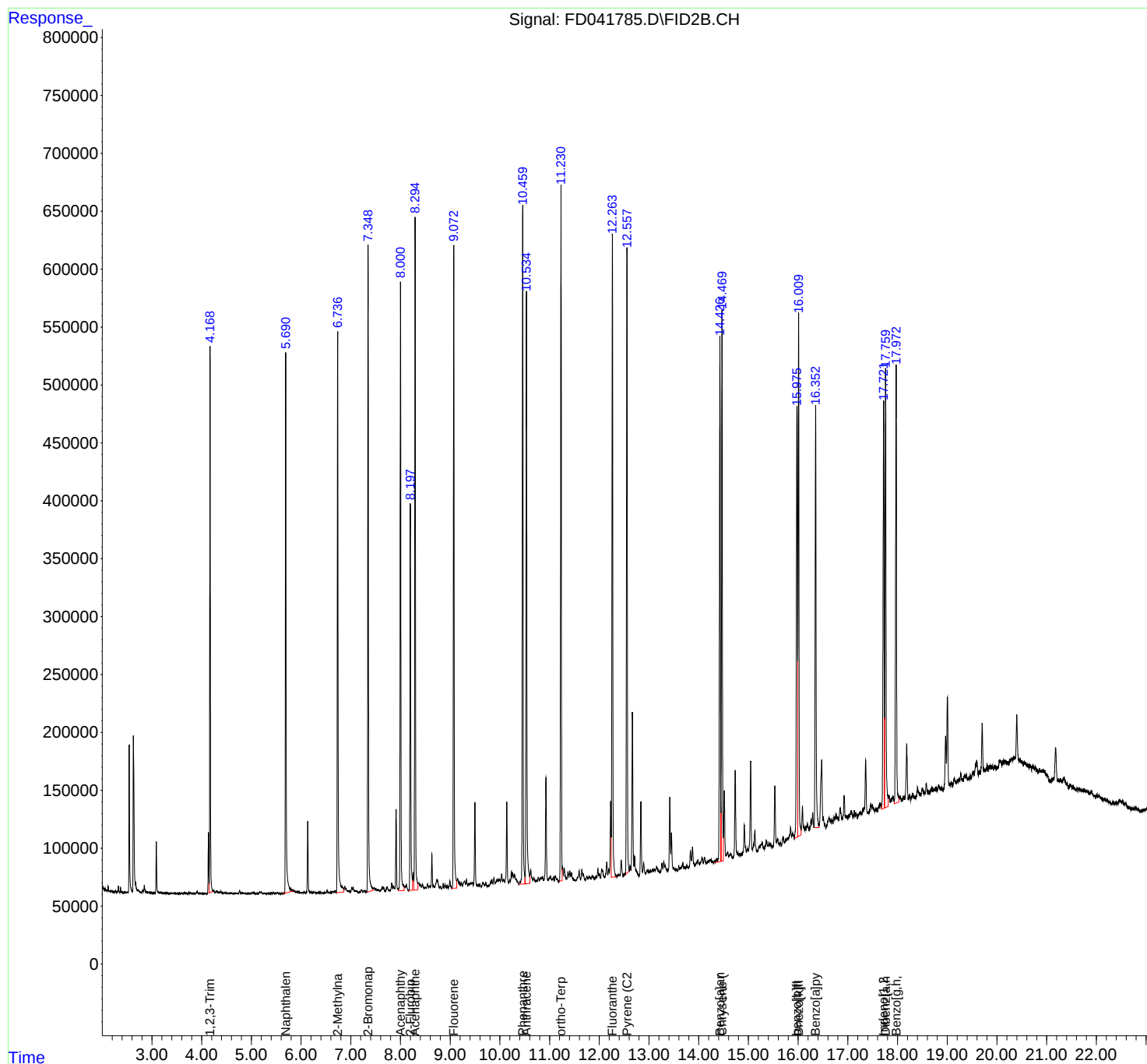
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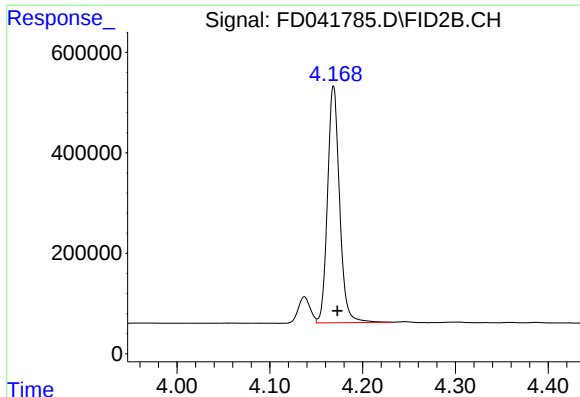
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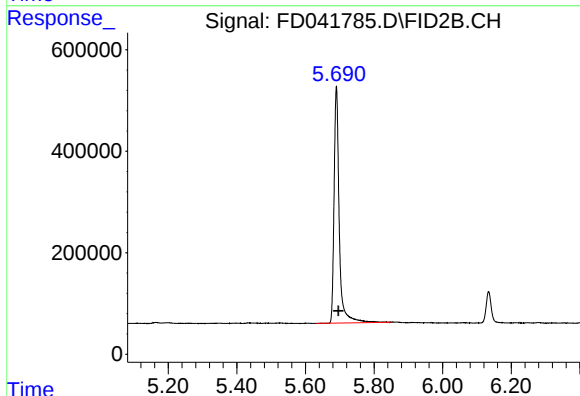
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.169 min
Delta R.T.: -0.004 min
Response: 4249493
Conc: 24.26 ug/ml

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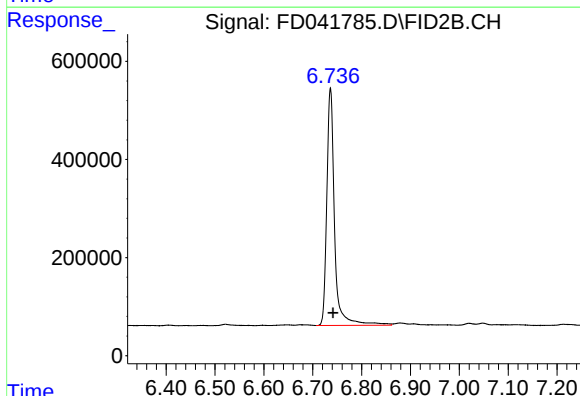
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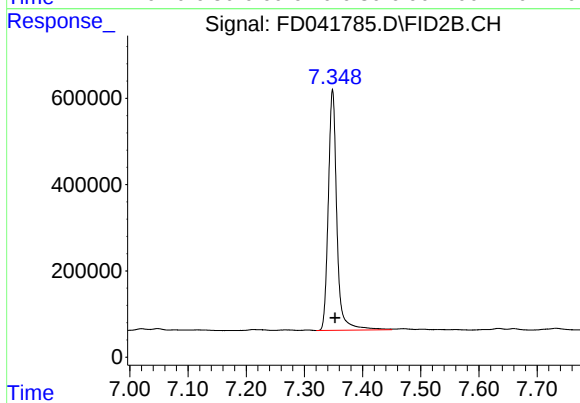
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.005 min
Response: 4879224
Conc: 27.65 ug/ml



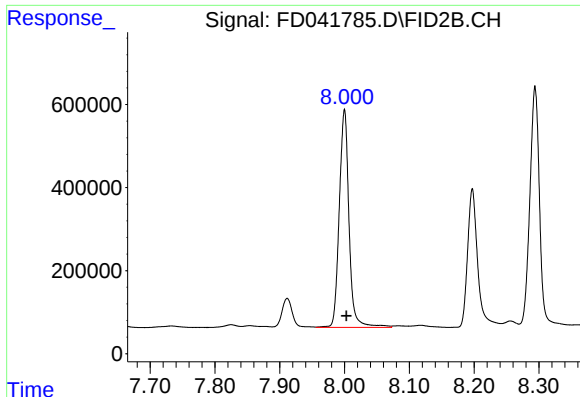
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.005 min
Response: 5334355
Conc: 33.34 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 5714367
Conc: 35.63 ug/ml



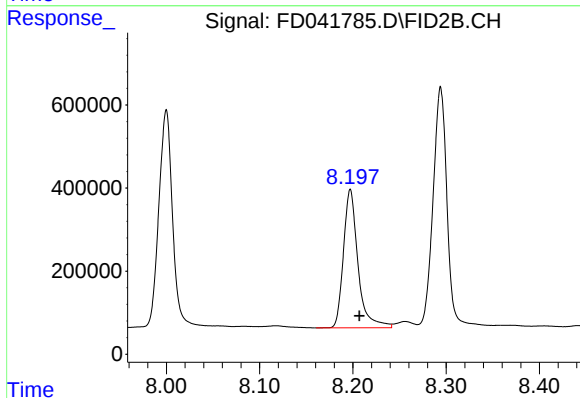
#5 Acenaphthylene (C15.06)

R.T.: 8.000 min
Delta R.T.: -0.003 min
Response: 5499551
Conc: 29.72 ug/ml

Instrument :
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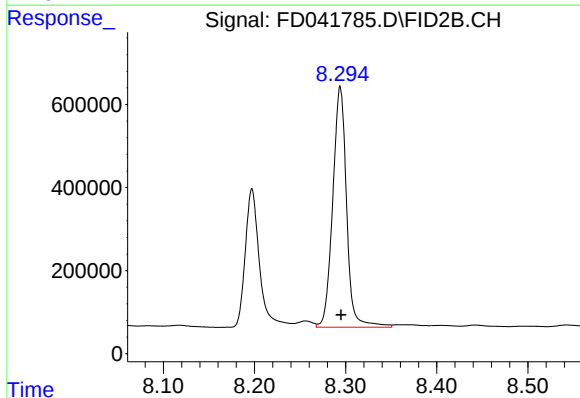
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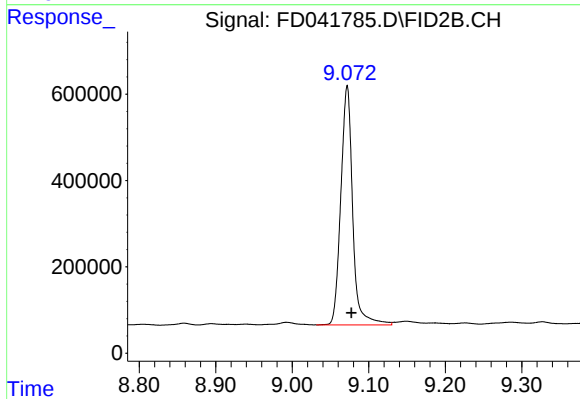
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 3603905
Conc: 36.47 ug/ml



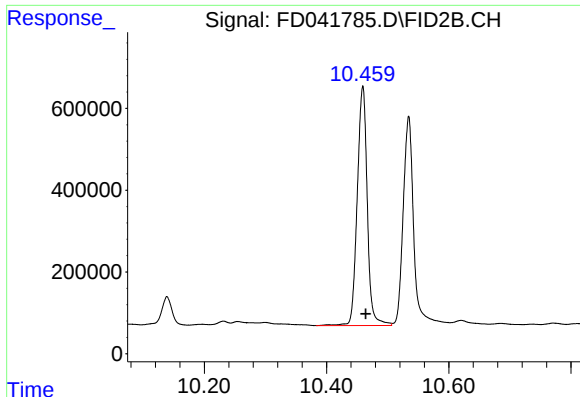
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.001 min
Response: 6120293
Conc: 31.88 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.072 min
Delta R.T.: -0.006 min
Response: 5972163
Conc: 33.85 ug/ml



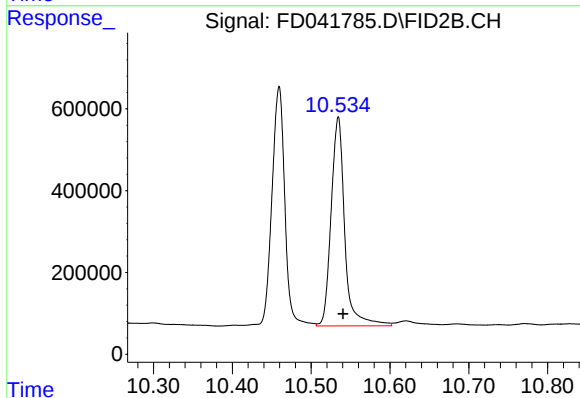
#9 Phenanthrene (C19.36)

R.T.: 10.459 min
Delta R.T.: -0.005 min
Response: 6668359
Conc: 38.23 ug/ml

Instrument :
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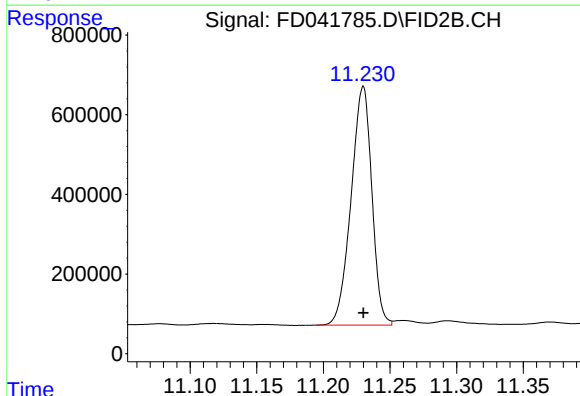
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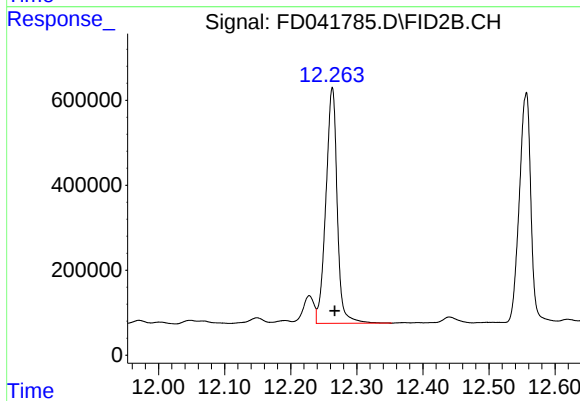
#10 Anthracene (C19.43)

R.T.: 10.534 min
Delta R.T.: -0.006 min
Response: 6132658
Conc: 33.69 ug/ml



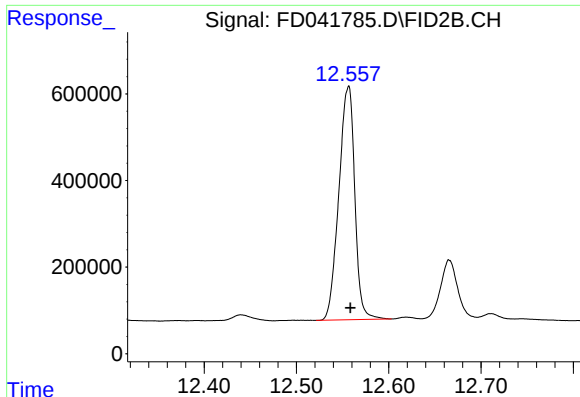
#11 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 6489924
Conc: 33.39 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.263 min
Delta R.T.: -0.004 min
Response: 6632135
Conc: 37.57 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.556 min
Delta R.T.: -0.003 min
Response: 6471714
Conc: 38.28 ug/ml

Instrument :

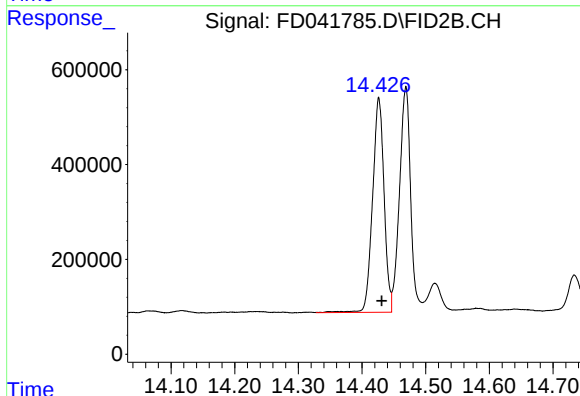
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ClientSampleId :

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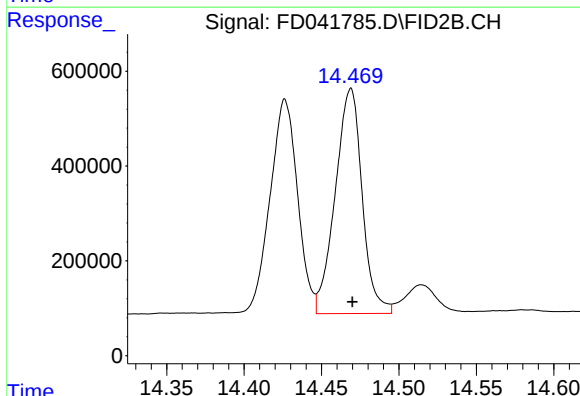
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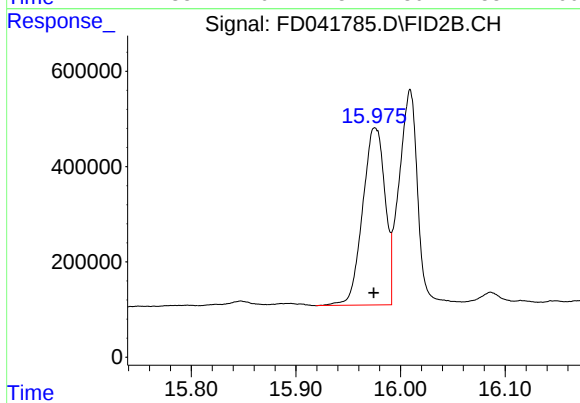
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.426 min
Delta R.T.: -0.004 min
Response: 5683551
Conc: 38.01 ug/ml



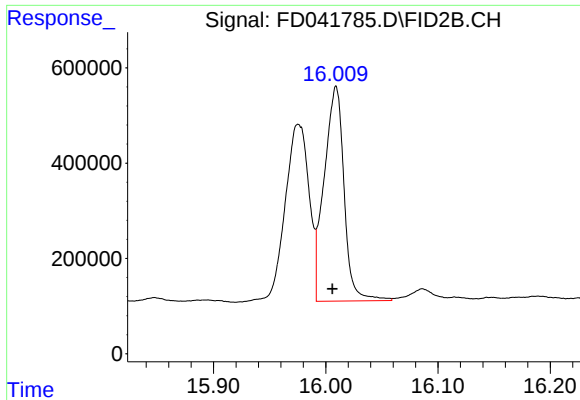
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: -0.001 min
Response: 5742747
Conc: 31.91 ug/ml



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

R.T.: 15.976 min
Delta R.T.: 0.001 min
Response: 5529792
Conc: 37.29 ug/ml



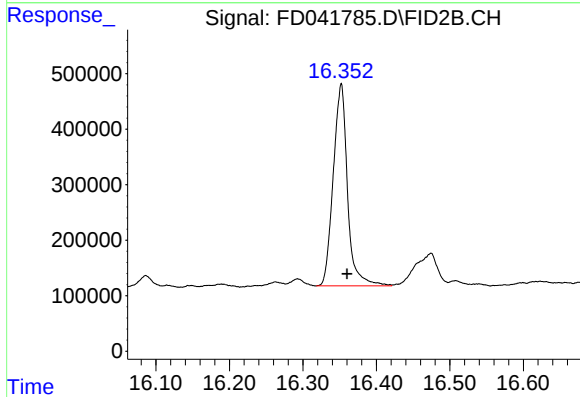
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.009 min
Delta R.T.: 0.003 min
Response: 5584770
Conc: 33.80 ug/ml

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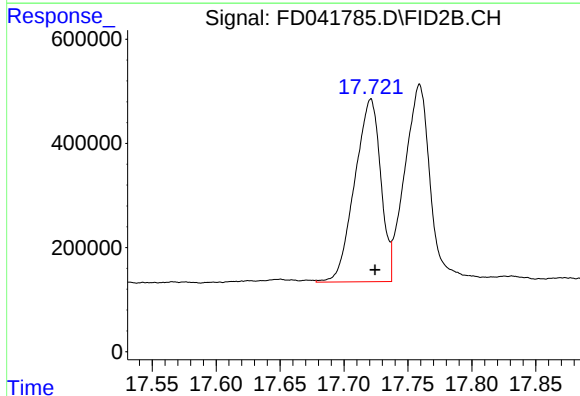
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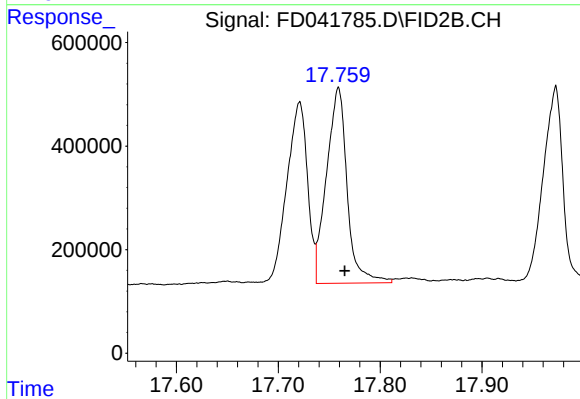
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.352 min
Delta R.T.: -0.008 min
Response: 4902009
Conc: 34.85 ug/ml



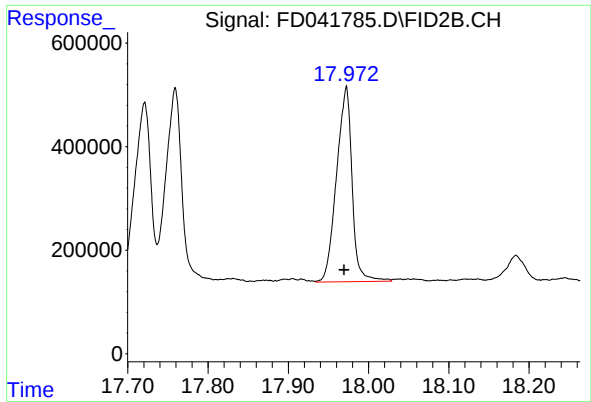
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.721 min
Delta R.T.: -0.004 min
Response: 4968918
Conc: 45.11 ug/ml



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

R.T.: 17.759 min
Delta R.T.: -0.007 min
Response: 5326399
Conc: 36.79 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.002 min
Response: 5073290
Conc: 38.23 ug/ml

Instrument :

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ClientSampleId :

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