

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082422AR\
 Data File : FD043739.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2022 23:41
 Operator : YP/AJ
 Sample : N4296-01MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: sample.E
 Quant Time: Aug 25 03:31:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 24 02:39:46 2022
 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...	7.476	11512411	66.630 ug/mlm
Spiked Amount 50.000		Recovery =	133.26%
6) S 2-Fluorobiphenyl (SURR)	8.338	3928791	39.056 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.11%
11) S ortho-Terphenyl (SURR)	11.384	9916215	47.398 ug/mlm
Spiked Amount 50.000		Recovery =	94.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	4744282	23.823 ug/ml
2) T Naphthalene (C11.7)	5.807	5738502	28.550 ug/mlm
3) T 2-Methylnaphthalene (...)	6.862	12094904	67.009 ug/mlm
5) T Acenaphthylene (C15.06)	8.140	9436599	47.209 ug/mlm
7) T Acenaphthene (C15.5)	8.434	6770951	31.499 ug/mlm
8) T Flouorene (C16.55)	9.220	9854554	51.403 ug/mlm
9) T Phenanthrene (C19.36)	10.625	10552169	58.680 ug/mlm
10) T Anthracene (C19.43)	10.699	12781829	65.714 ug/mlm
12) T Fluoranthene (C21.85)	12.436	11892962	65.215 ug/mlm
13) T Pyrene (C20.8)	12.730	13447254	72.040 ug/ml
14) T Benzo[a]anthracene (C...	14.578	7643522	53.421 ug/ml
15) T Chrysene (C27.41)	14.620	8443523	43.747 ug/ml
16) T benzo[b]fluoranthene ...	16.116	7025763	48.689 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.148	6735738	39.163 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.491	5988909	41.244 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.854	6025417	58.263 ug/mlm
20) T Dibenz[a,h]anthracene...	17.890	6080714	43.210 ug/ml
21) T Benzo[g,h,i]perylene ...	18.107	6278066	49.315 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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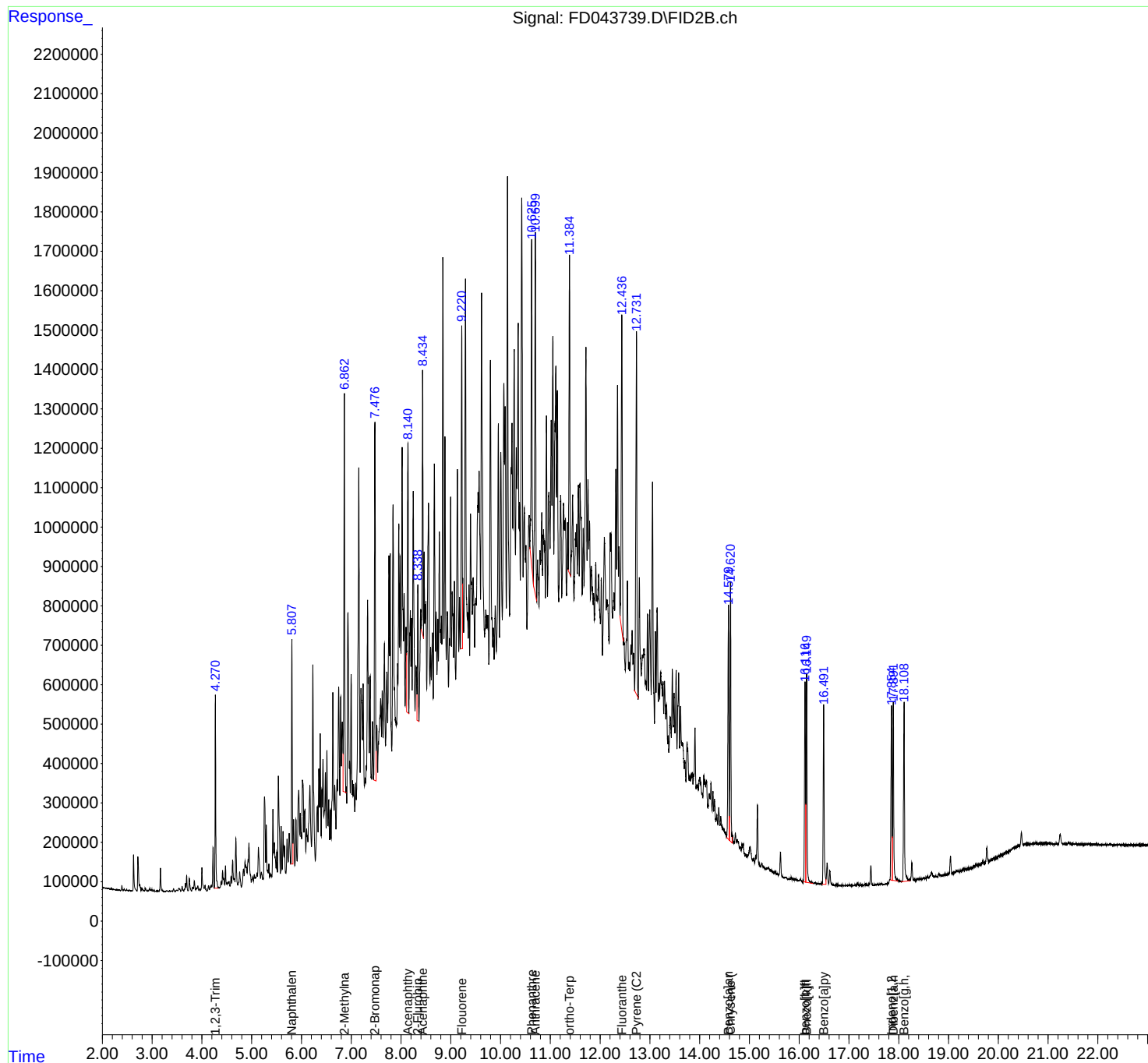
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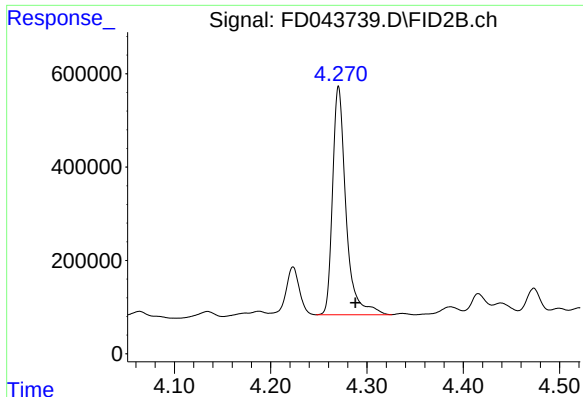
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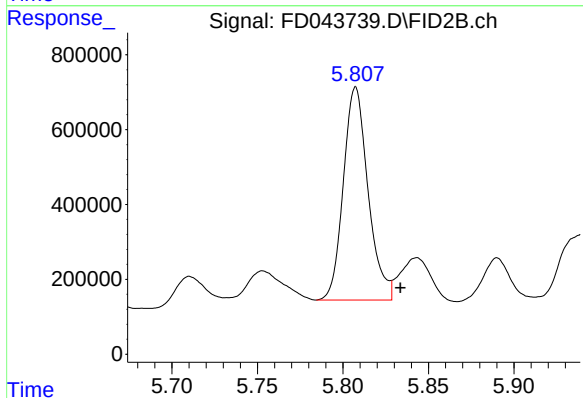
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.271 min
Delta R.T.: -0.017 min
Response: 4744282
Conc: 23.82 ug/ml

Instrument :
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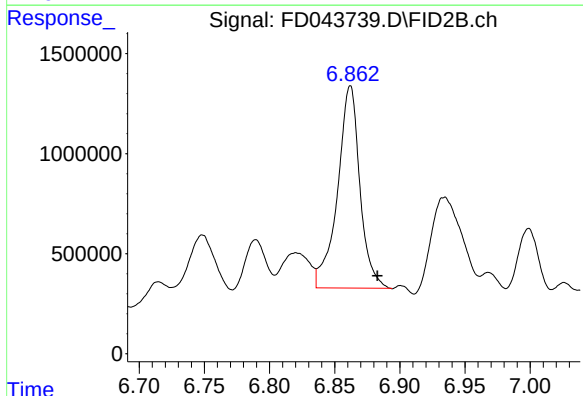
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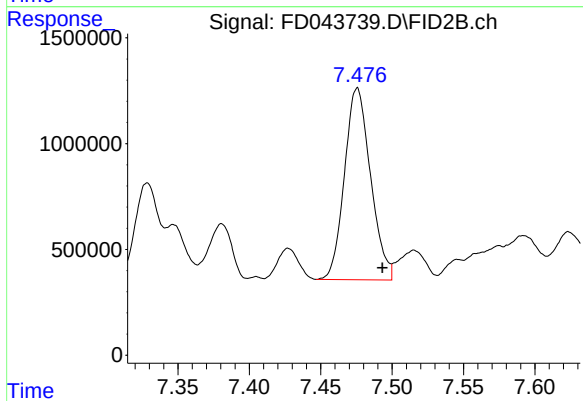
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.026 min
Response: 5738502
Conc: 28.55 ug/ml m



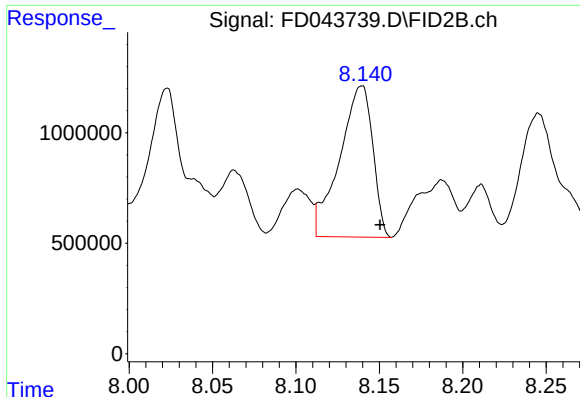
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.021 min
Response: 12094904
Conc: 67.01 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.018 min
Response: 11512411
Conc: 66.63 ug/ml m



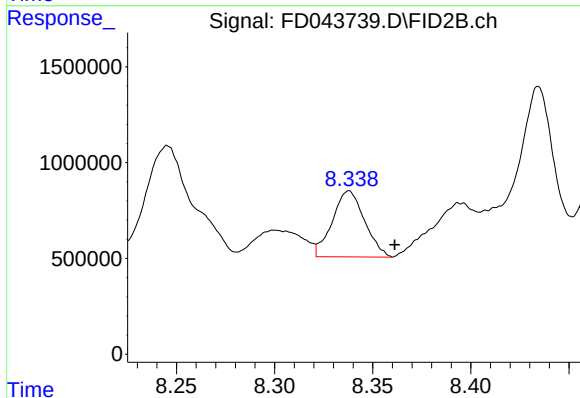
#5 Acenaphthylene (C15.06)

R.T.: 8.140 min
Delta R.T.: -0.010 min
Response: 9436599
Conc: 47.21 ug/ml

Instrument :
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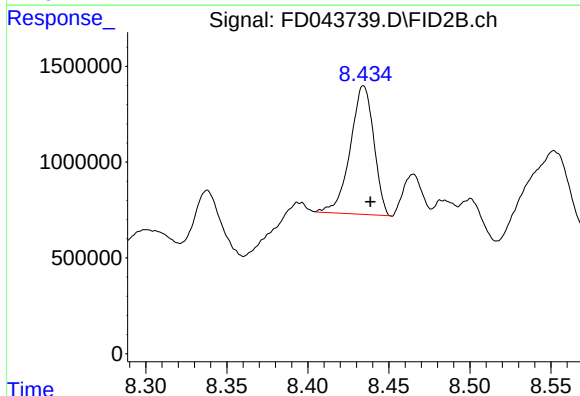
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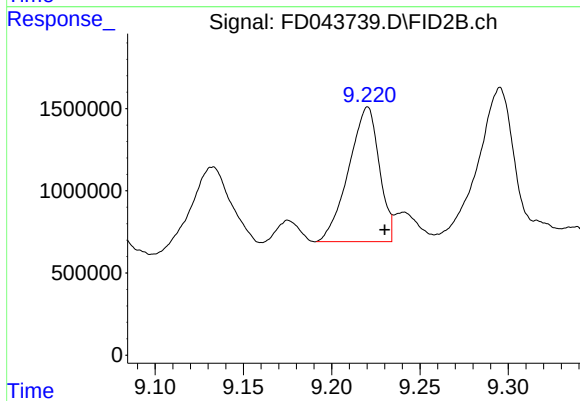
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.338 min
Delta R.T.: -0.023 min
Response: 3928791
Conc: 39.06 ug/ml m



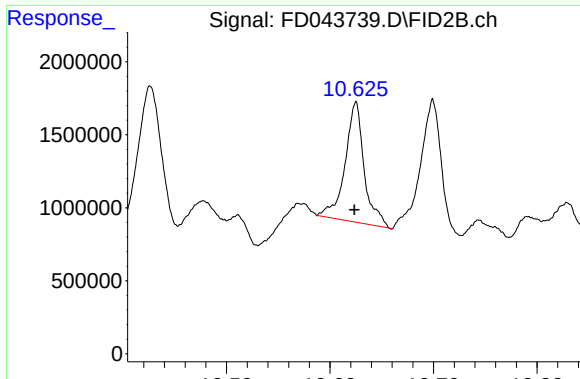
#7 Acenaphthene (C15.5)

R.T.: 8.434 min
Delta R.T.: -0.005 min
Response: 6770951
Conc: 31.50 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.220 min
Delta R.T.: -0.010 min
Response: 9854554
Conc: 51.40 ug/ml m



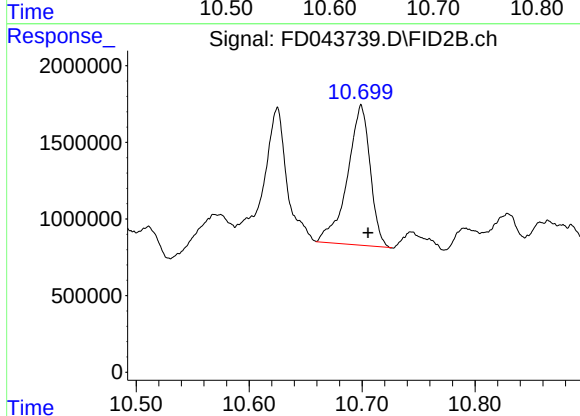
#9 Phenanthrene (C19.36)

R.T.: 10.625 min
Delta R.T.: 0.001 min
Response: 10552169
Conc: 58.68 ug/ml

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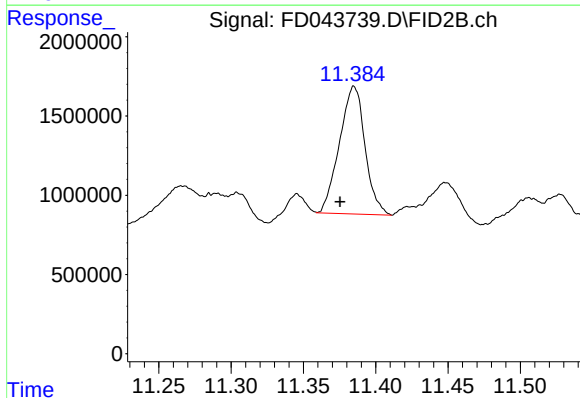
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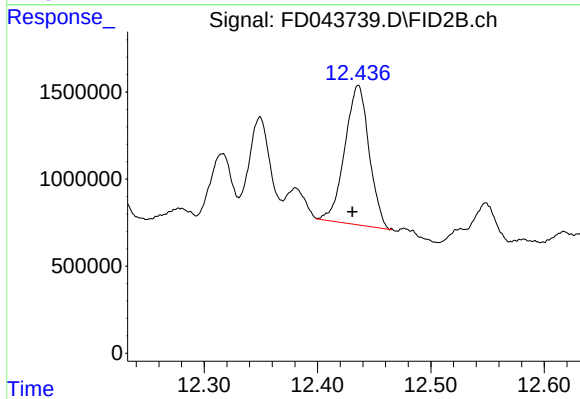
#10 Anthracene (C19.43)

R.T.: 10.699 min
Delta R.T.: -0.006 min
Response: 12781829
Conc: 65.71 ug/ml m



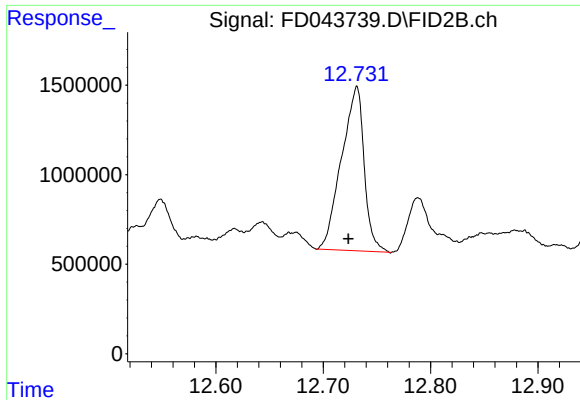
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: 0.009 min
Response: 9916215
Conc: 47.40 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.436 min
Delta R.T.: 0.005 min
Response: 11892962
Conc: 65.21 ug/ml m



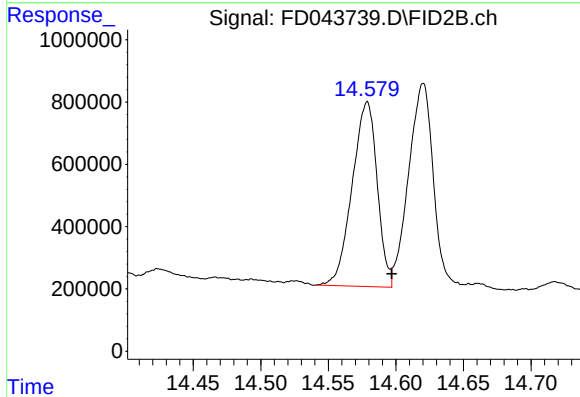
#13 Pyrene (C20.8)

R.T.: 12.730 min
Delta R.T.: 0.007 min
Response: 13447254
Conc: 72.04 ug/ml

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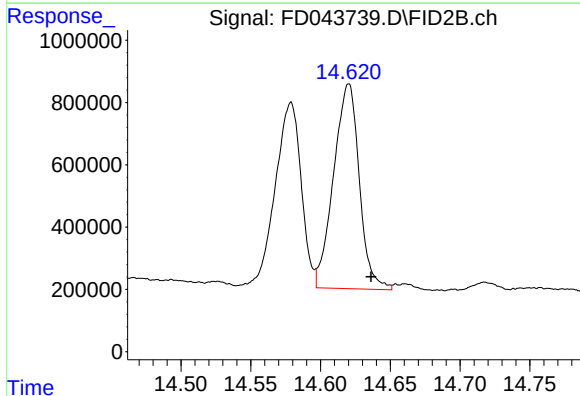
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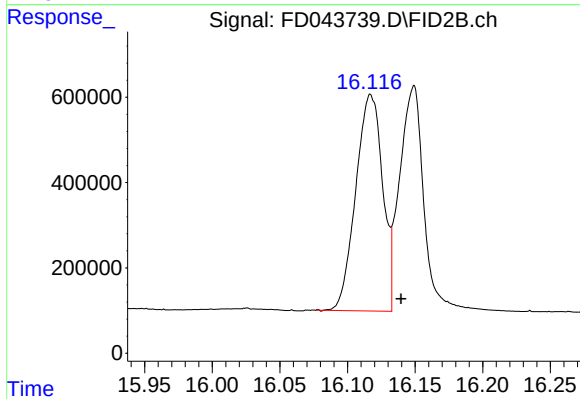
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.019 min
Response: 7643522
Conc: 53.42 ug/ml



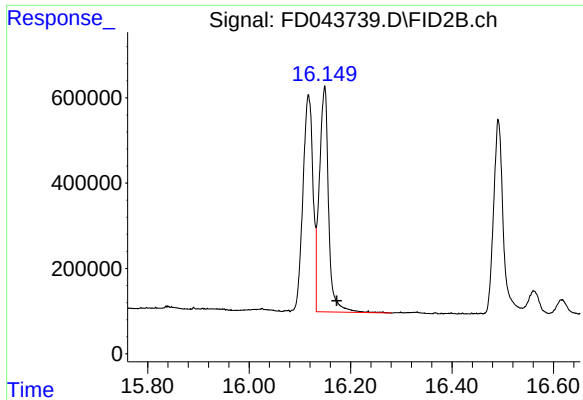
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: -0.017 min
Response: 8443523
Conc: 43.75 ug/ml



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

R.T.: 16.116 min
Delta R.T.: -0.023 min
Response: 7025763
Conc: 48.69 ug/ml m



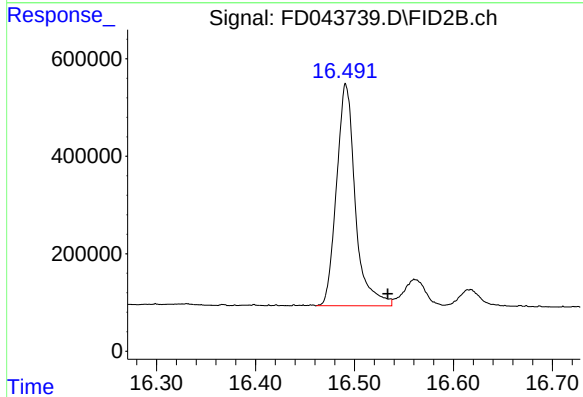
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.148 min
Delta R.T.: -0.024 min
Response: 6735738
Conc: 39.16 ug/ml

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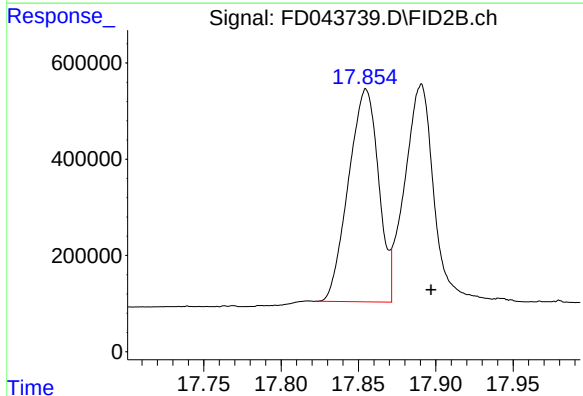
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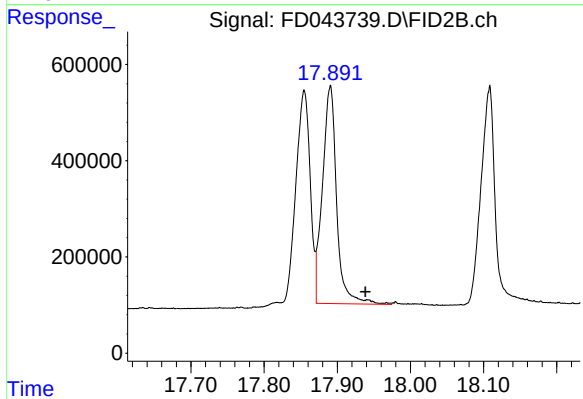
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.491 min
Delta R.T.: -0.043 min
Response: 5988909
Conc: 41.24 ug/ml m



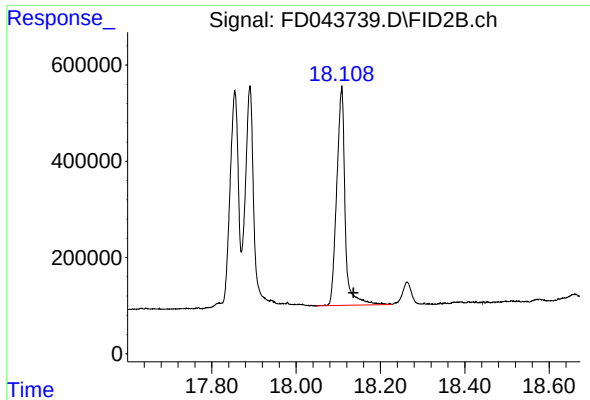
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: -0.043 min
Response: 6025417
Conc: 58.26 ug/ml m



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

R.T.: 17.890 min
Delta R.T.: -0.048 min
Response: 6080714
Conc: 43.21 ug/ml



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

R.T.: 18.107 min
Delta R.T.: -0.029 min
Response: 6278066
Conc: 49.32 ug/ml

Instrument :

FID_D

ClientSampleId :

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