

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102220AR\
 Data File : FD035131.D
 Signal(s) : FID2B.CH
 Acq On : 23 Oct 2020 4:40
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

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 10/23/2020 4:48:20 PM

Integration File: autoint1.e
 Quant Time: Oct 23 05:13:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 05:13:15 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...	7.650	497175	4.170 ug/ml
Spiked Amount 50.000		Recovery =	8.34%
6) S 2-Fluorobiphenyl (SURR)	8.516	334016	4.040 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.08%
11) S ortho-Terphenyl (SURR)	11.550	601646	4.467 ug/ml
Spiked Amount 50.000		Recovery =	8.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.447	584255	4.381 ug/ml
2) T Naphthalene (C11.7)	5.989	590842	4.207 ug/ml
3) T 2-Methylnaphthalene (...)	7.040	594890	4.231 ug/ml
5) T Acenaphthylene (C15.06)	8.315	605185	4.451 ug/ml
7) T Acenaphthene (C15.5)	8.609	600125	4.315 ug/ml
8) T Flouorene (C16.55)	9.394	560308	4.177 ug/ml
9) T Phenanthrene (C19.36)	10.789	547765	4.180 ug/ml
10) T Anthracene (C19.43)	10.866	567901	4.323 ug/ml
12) T Fluoranthene (C21.85)	12.601	548634	4.277 ug/ml
13) T Pyrene (C20.8)	12.897	547197	4.363 ug/ml
14) T Benzo[a]anthracene (C...	14.769	432908	3.905 ug/mlm
15) T Chrysene (C27.41)	14.811	548842	4.619 ug/ml
16) T benzo[b]fluoranthene ...	16.317	436160	4.096 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.348	497420	4.683 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.703	415783	4.260 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.066	342499	3.629 ug/mlm
20) T Dibenz[a,h]anthracene...	18.105	508745	5.022 ug/ml
21) T Benzo[g,h,i]perylene ...	18.315	428212	4.368 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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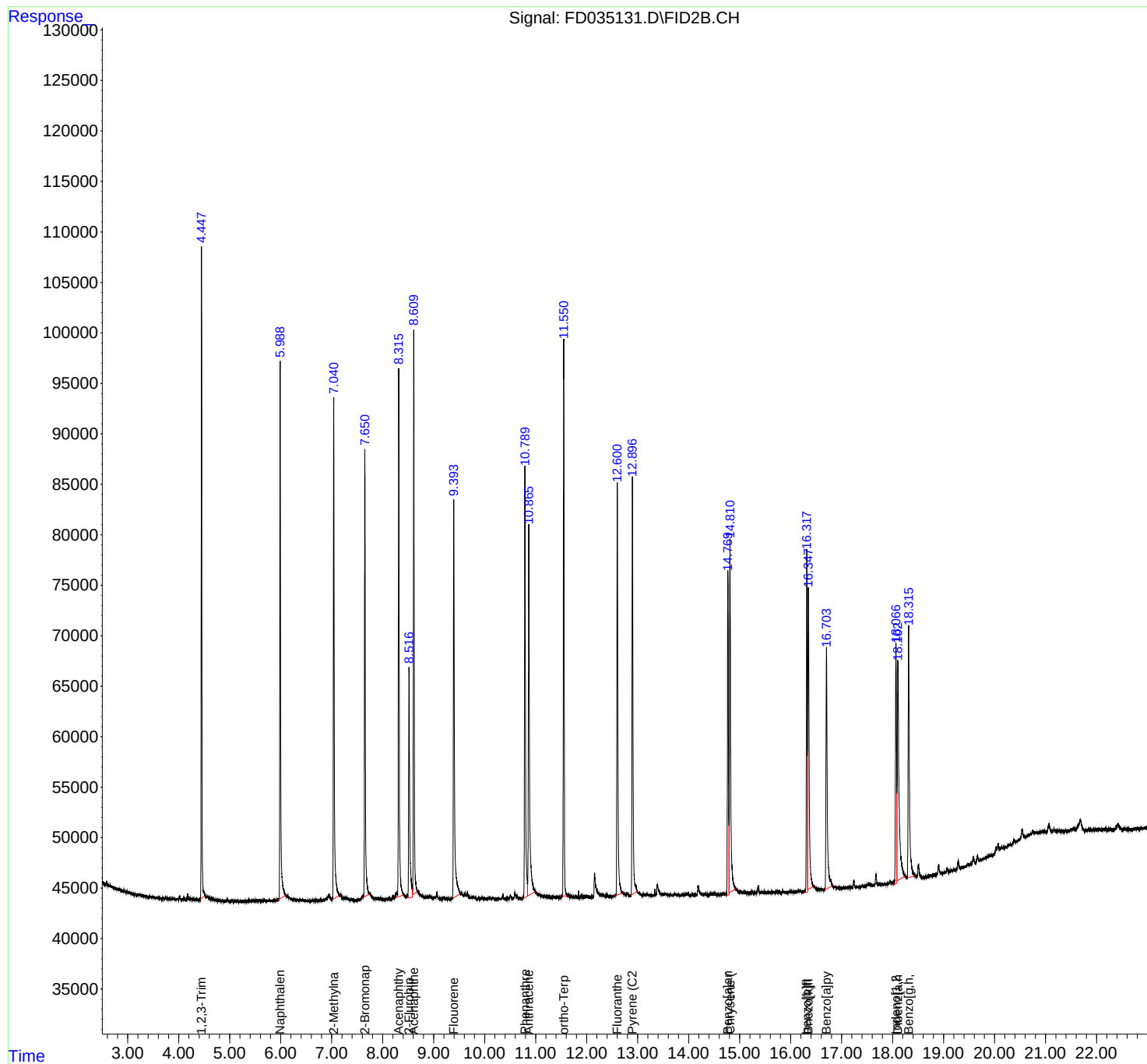
Instrument :
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ClientSampleId :
5 PPM AROMATIC HC STD5

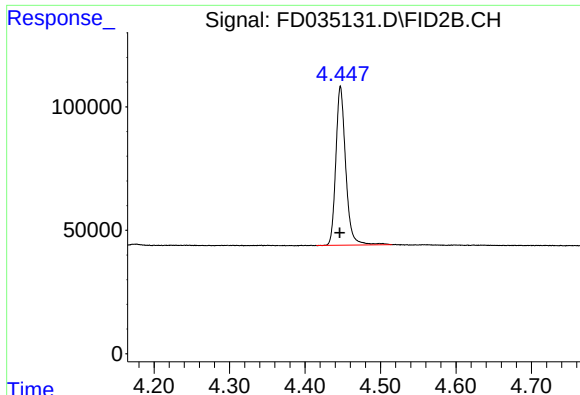
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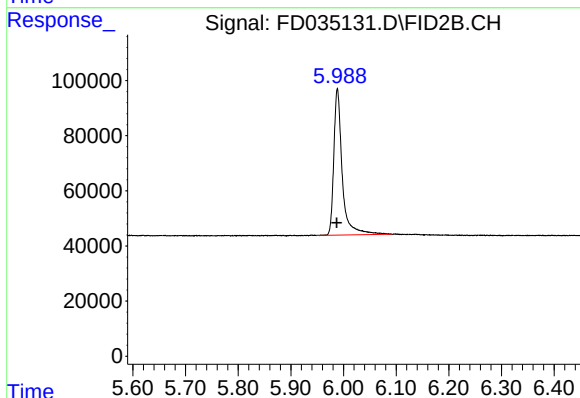
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.447 min
Delta R.T.: 0.001 min
Response: 584255
Conc: 4.38 ug/ml

Instrument :
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ClientSampleId :
5 PPM AROMATIC HC STD5

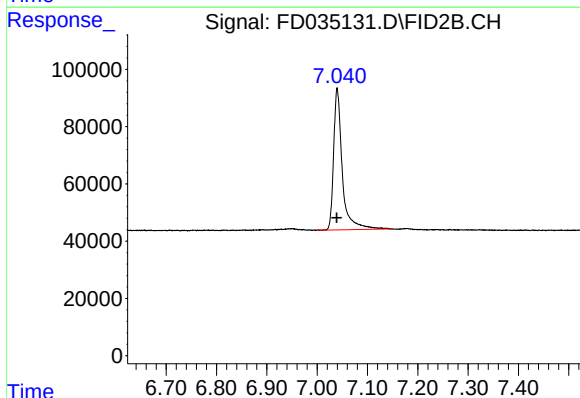
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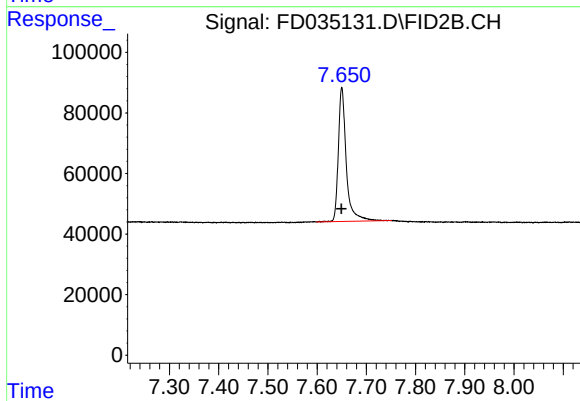
#2 Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: 0.002 min
Response: 590842
Conc: 4.21 ug/ml



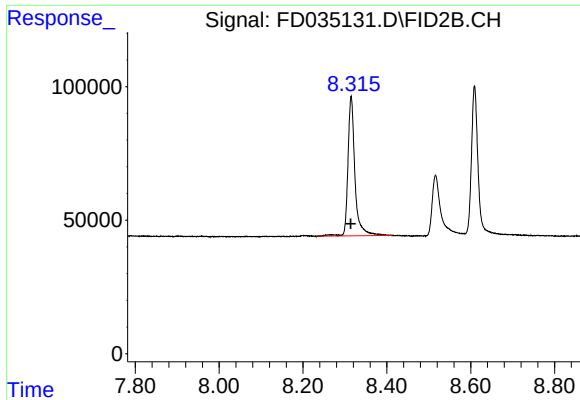
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.040 min
Delta R.T.: 0.001 min
Response: 594890
Conc: 4.23 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.650 min
Delta R.T.: 0.001 min
Response: 497175
Conc: 4.17 ug/ml



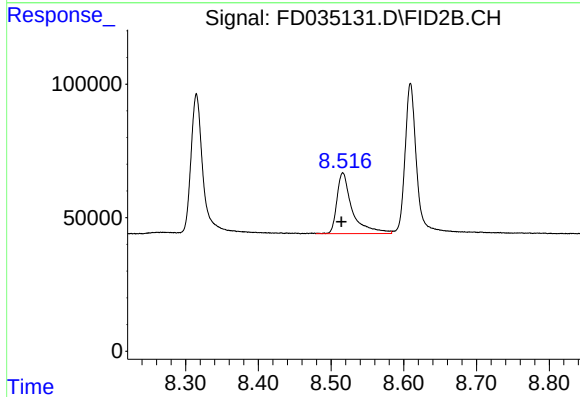
#5 Acenaphthylene (C15.06)

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 605185
Conc: 4.45 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5

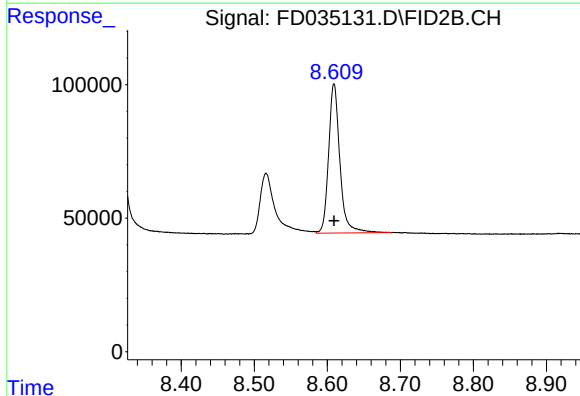
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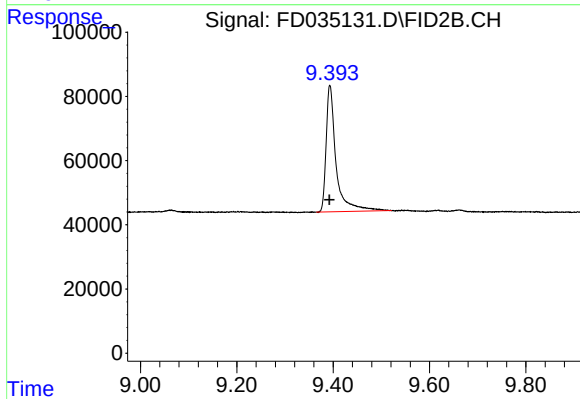
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.516 min
Delta R.T.: 0.002 min
Response: 334016
Conc: 4.04 ug/ml m



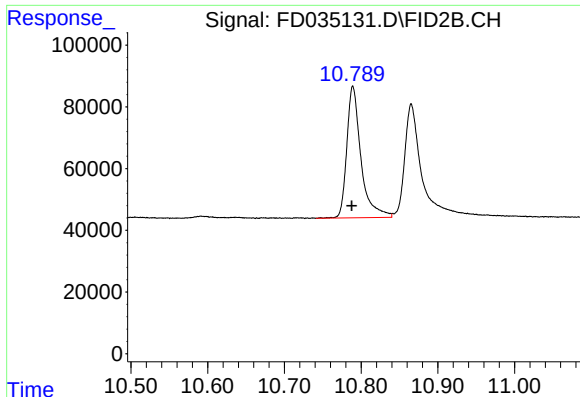
#7 Acenaphthene (C15.5)

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 600125
Conc: 4.31 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.394 min
Delta R.T.: 0.002 min
Response: 560308
Conc: 4.18 ug/ml



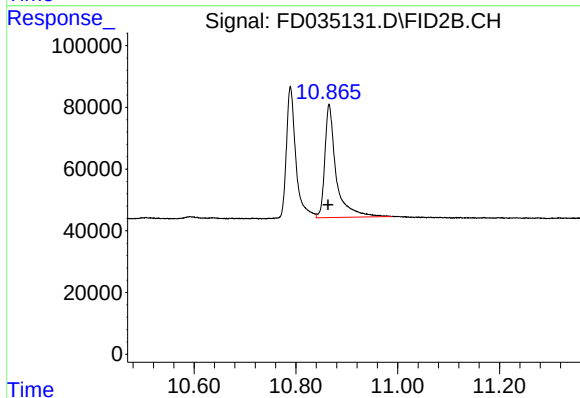
#9 Phenanthrene (C19.36)

R.T.: 10.789 min
Delta R.T.: 0.002 min
Response: 547765
Conc: 4.18 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5

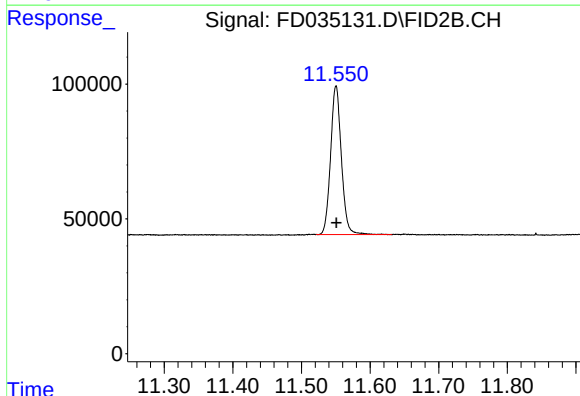
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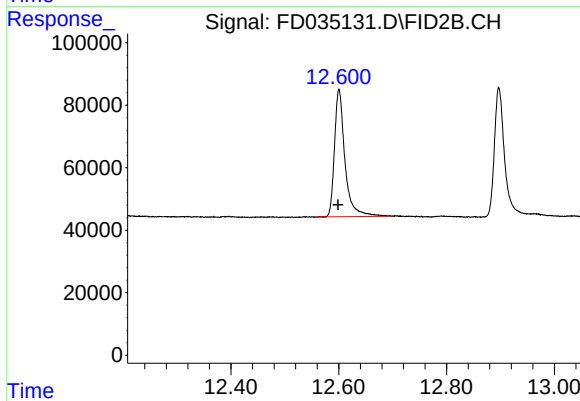
#10 Anthracene (C19.43)

R.T.: 10.866 min
Delta R.T.: 0.003 min
Response: 567901
Conc: 4.32 ug/ml



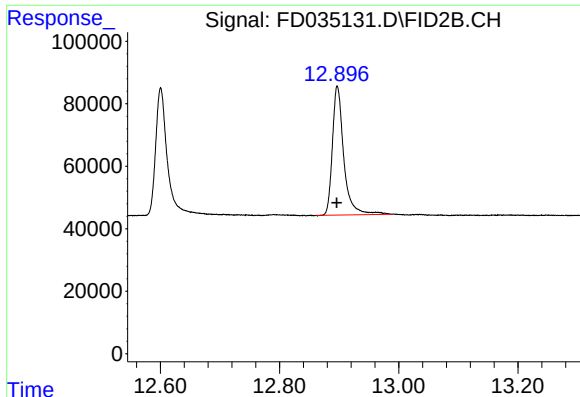
#11 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: 0.000 min
Response: 601646
Conc: 4.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.601 min
Delta R.T.: 0.002 min
Response: 548634
Conc: 4.28 ug/ml



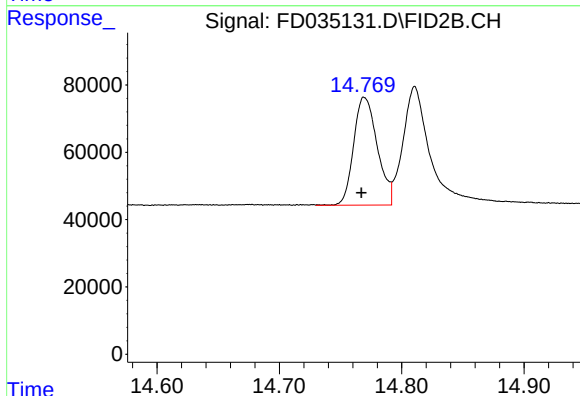
#13 Pyrene (C20.8)

R.T.: 12.897 min
Delta R.T.: 0.001 min
Response: 547197
Conc: 4.36 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5

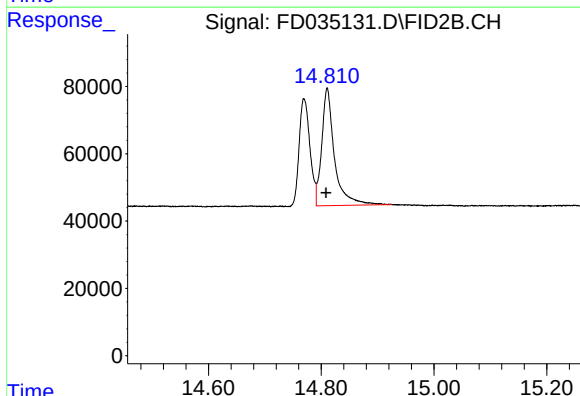
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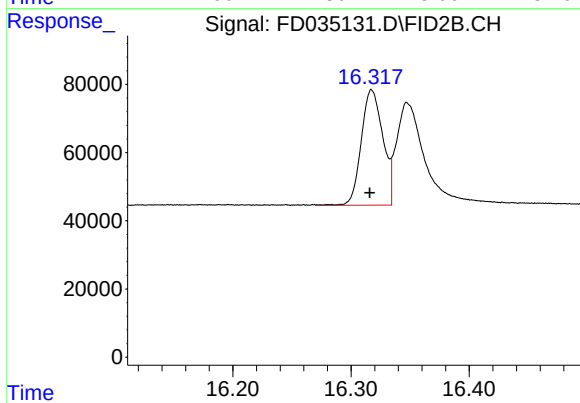
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.769 min
Delta R.T.: 0.001 min
Response: 432908
Conc: 3.91 ug/ml m



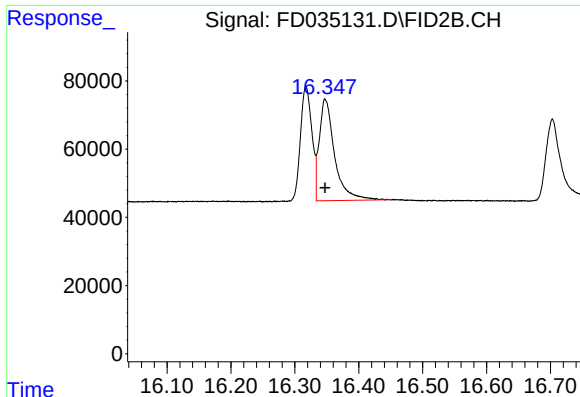
#15 Chrysene (C27.41)

R.T.: 14.811 min
Delta R.T.: 0.002 min
Response: 548842
Conc: 4.62 ug/ml



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

R.T.: 16.317 min
Delta R.T.: 0.000 min
Response: 436160
Conc: 4.10 ug/ml m



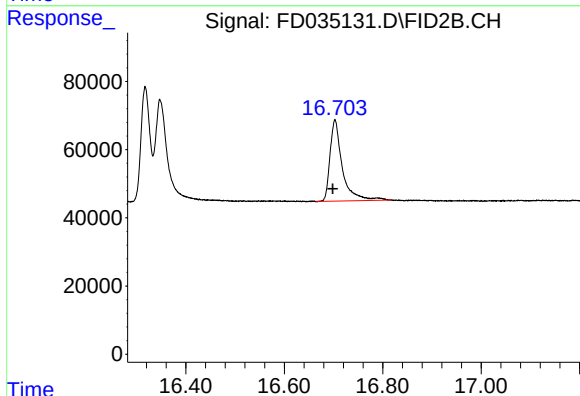
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.348 min
Delta R.T.: 0.000 min
Response: 497420
Conc: 4.68 ug/ml

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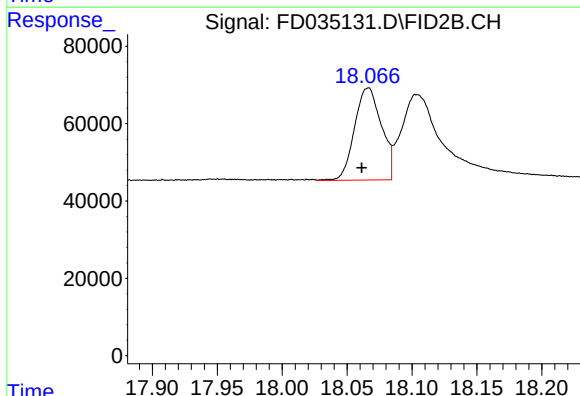
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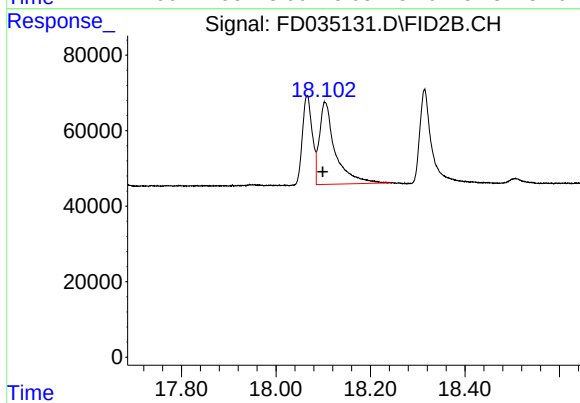
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.703 min
Delta R.T.: 0.005 min
Response: 415783
Conc: 4.26 ug/ml



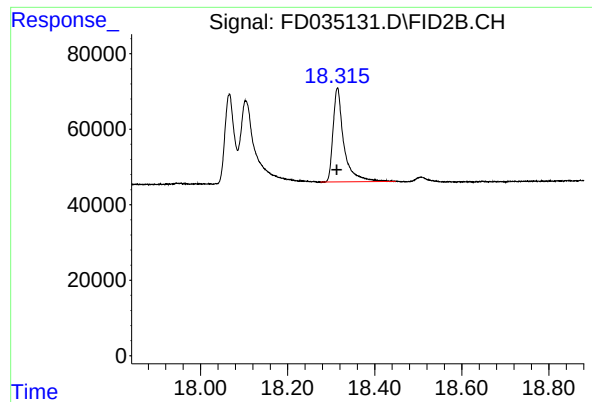
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.066 min
Delta R.T.: 0.005 min
Response: 342499
Conc: 3.63 ug/ml m



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

R.T.: 18.105 min
Delta R.T.: 0.005 min
Response: 508745
Conc: 5.02 ug/ml



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

R.T.: 18.315 min
Delta R.T.: 0.002 min
Response: 428212
Conc: 4.37 ug/ml

Instrument :
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