

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121720AR\
 Data File : FD035809.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2020 13:45
 Operator : DD\AJ
 Sample : PB133637BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB133637BS

Manual Integrations
 APPROVED

Ankita
 12/18/2020 10:43:34 AM

Integration File: autoint1.e
 Quant Time: Dec 18 00:24:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 09:48:30 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...	7.589	5086570	39.912 ug/ml
Spiked Amount 50.000		Recovery =	79.82%
6) S 2-Fluorobiphenyl (SURR)	8.456	2364748	27.274 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	54.55%
11) S ortho-Terphenyl (SURR)	11.489	4485941	30.311 ug/ml
Spiked Amount 50.000		Recovery =	60.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.389	2962120	20.455 ug/ml
2) T Naphthalene (C11.7)	5.928	3490003	23.205 ug/ml
3) T 2-Methylnaphthalene (...)	6.980	3796792	25.162 ug/ml
5) T Acenaphthylene (C15.06)	8.255	4195780	28.665 ug/ml
7) T Acenaphthene (C15.5)	8.550	4085577	26.986 ug/ml
8) T Flouorene (C16.55)	9.333	4180478	29.125 ug/ml
9) T Phenanthrene (C19.36)	10.731	4306110	30.281 ug/ml
10) T Anthracene (C19.43)	10.807	4378249	30.604 ug/ml
12) T Fluoranthene (C21.85)	12.544	4310627	30.917 ug/ml
13) T Pyrene (C20.8)	12.841	4237873	31.291 ug/ml
14) T Benzo[a]anthracene (C...	14.715	4035694	34.702 ug/mlm
15) T Chrysene (C27.41)	14.758	4799158	37.542 ug/ml
16) T benzo[b]fluoranthene ...	16.272	4219844	39.011 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.302	4256256	38.357 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.652	4117422	41.755 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.024	4039372	41.760 ug/mlm
20) T Dibenz[a,h]anthracene...	18.055	4379495	42.452 ug/ml
21) T Benzo[g,h,i]perylene ...	18.277	4177616	42.189 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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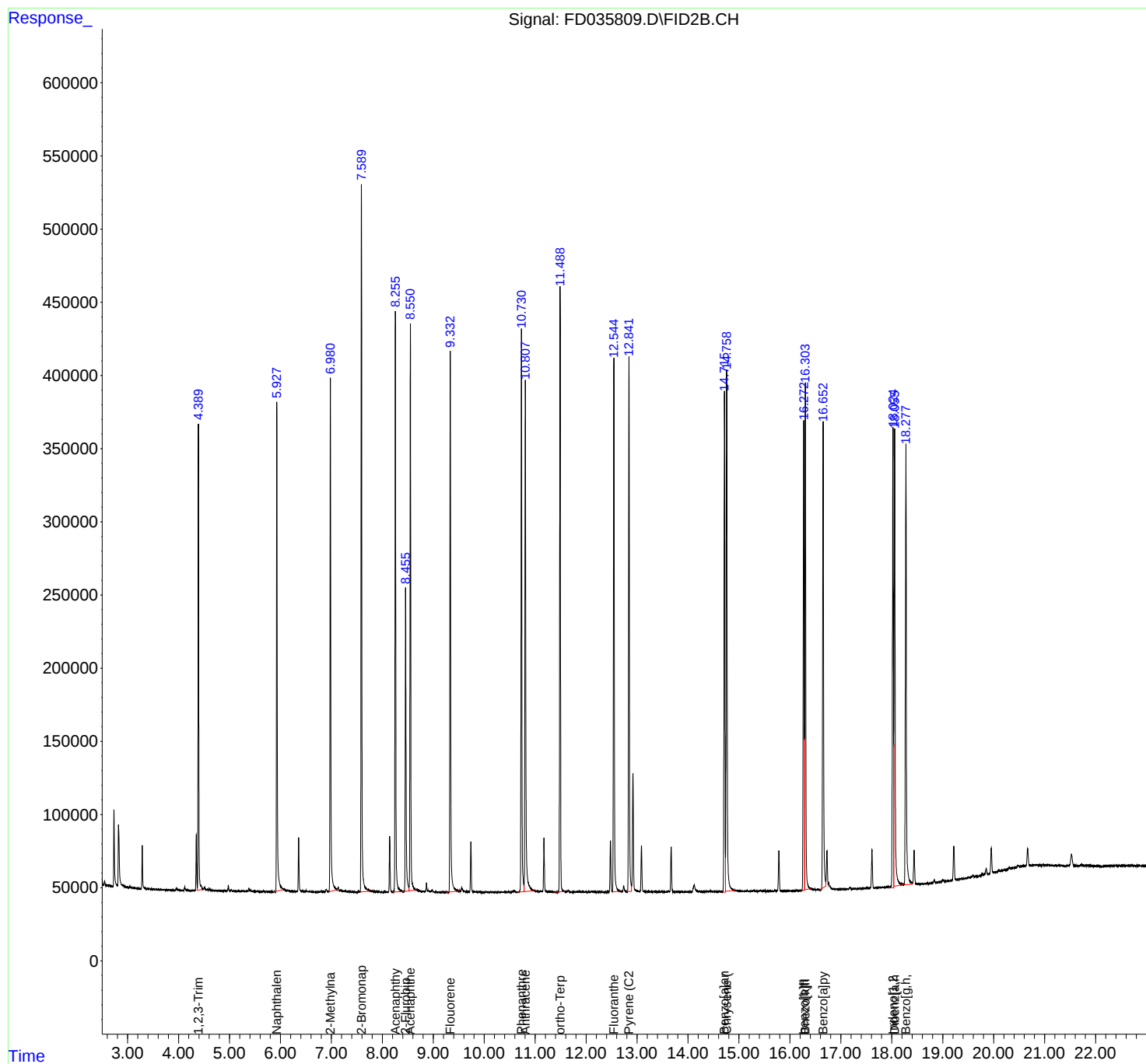
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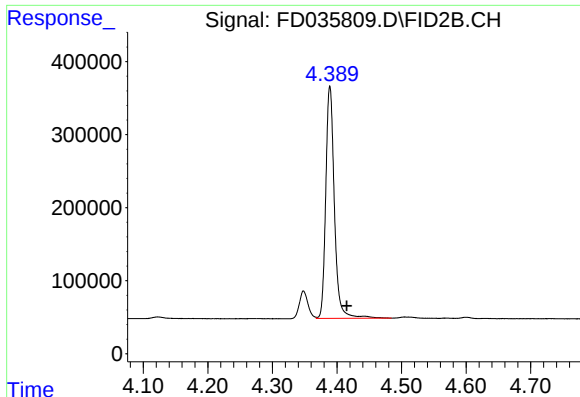
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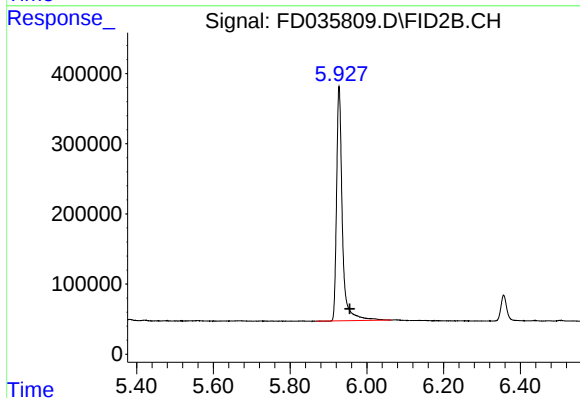
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.389 min
Delta R.T.: -0.026 min
Response: 2962120
Conc: 20.45 ug/ml

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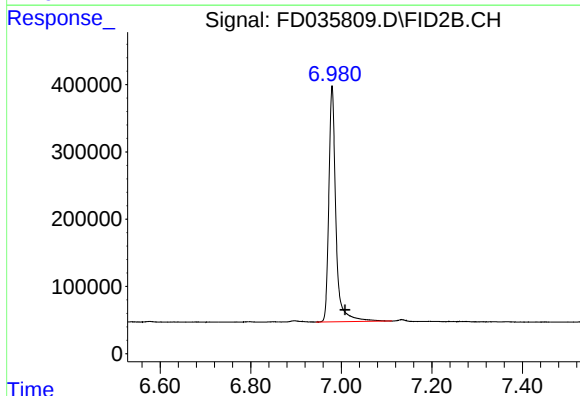
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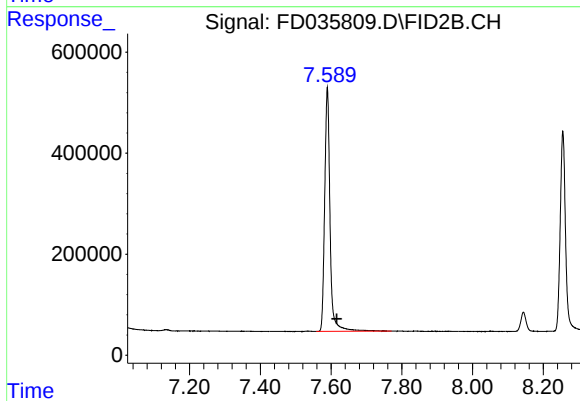
#2 Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.028 min
Response: 3490003
Conc: 23.20 ug/ml



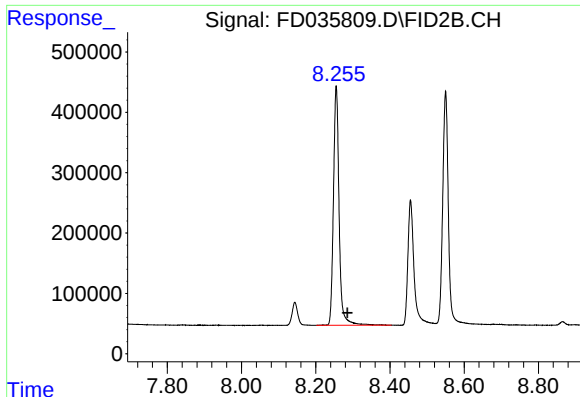
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: -0.029 min
Response: 3796792
Conc: 25.16 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: -0.027 min
Response: 5086570
Conc: 39.91 ug/ml



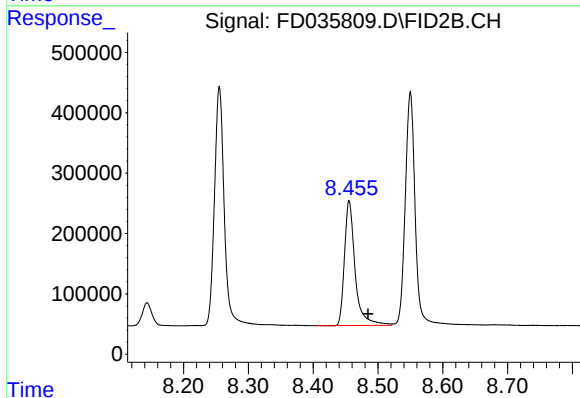
#5 Acenaphthylene (C15.06)

R.T.: 8.255 min
Delta R.T.: -0.030 min
Response: 4195780
Conc: 28.67 ug/ml

Instrument :
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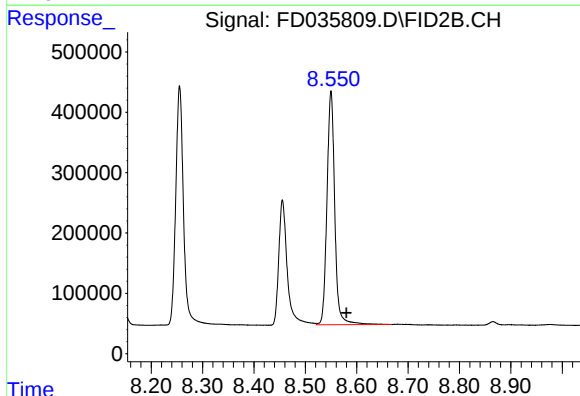
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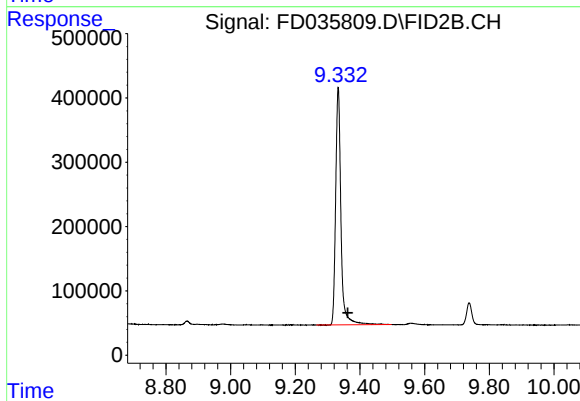
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: -0.029 min
Response: 2364748
Conc: 27.27 ug/ml



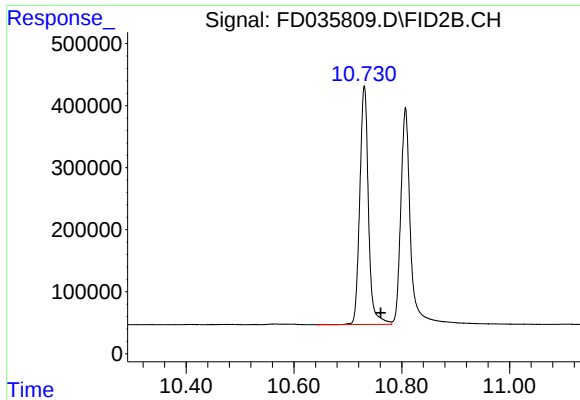
#7 Acenaphthene (C15.5)

R.T.: 8.550 min
Delta R.T.: -0.030 min
Response: 4085577
Conc: 26.99 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.333 min
Delta R.T.: -0.030 min
Response: 4180478
Conc: 29.12 ug/ml



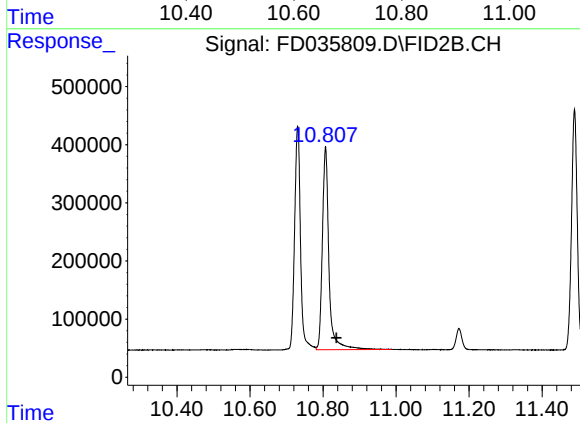
#9 Phenanthrene (C19.36)

R.T.: 10.731 min
Delta R.T.: -0.030 min
Response: 4306110
Conc: 30.28 ug/ml

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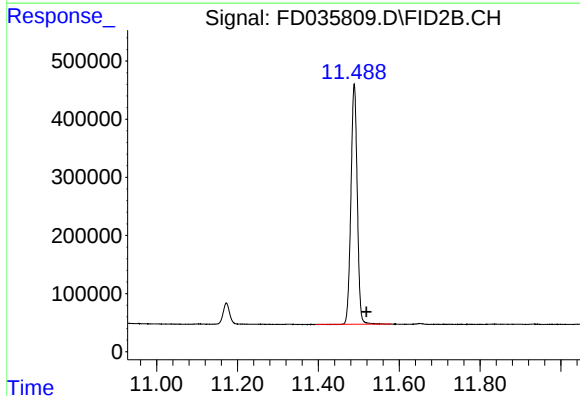
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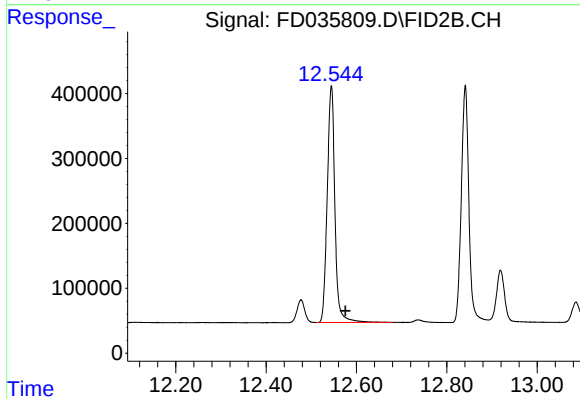
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: -0.030 min
Response: 4378249
Conc: 30.60 ug/ml



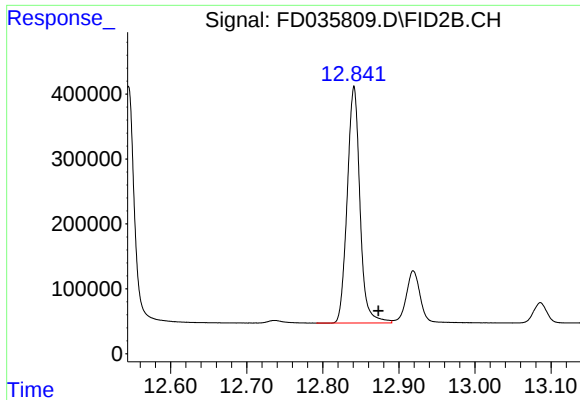
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.030 min
Response: 4485941
Conc: 30.31 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.544 min
Delta R.T.: -0.031 min
Response: 4310627
Conc: 30.92 ug/ml



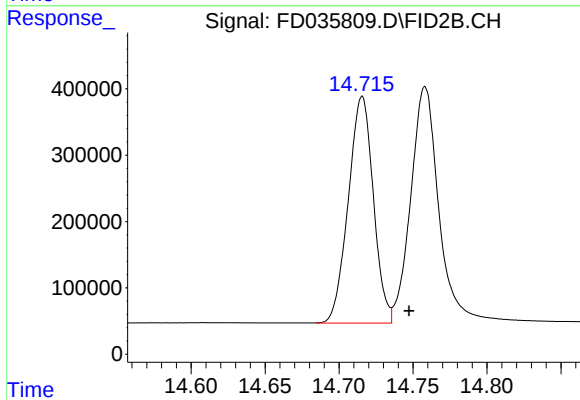
#13 Pyrene (C20.8)

R.T.: 12.841 min
Delta R.T.: -0.032 min
Response: 4237873
Conc: 31.29 ug/ml

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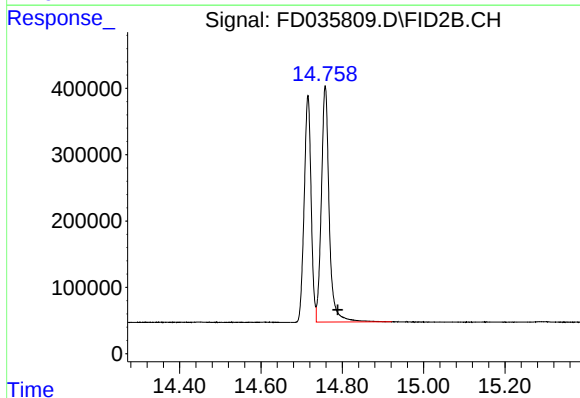
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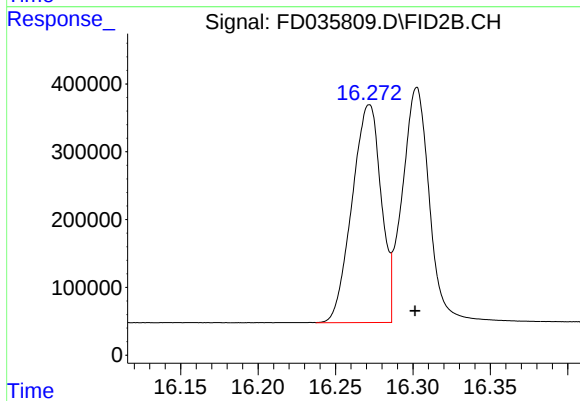
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.715 min
Delta R.T.: -0.032 min
Response: 4035694
Conc: 34.70 ug/ml m



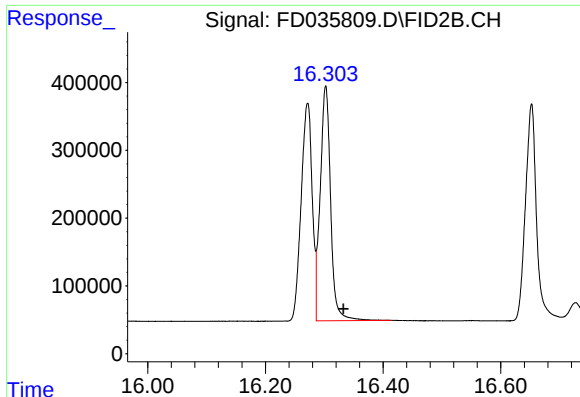
#15 Chrysene (C27.41)

R.T.: 14.758 min
Delta R.T.: -0.031 min
Response: 4799158
Conc: 37.54 ug/ml



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

R.T.: 16.272 min
Delta R.T.: -0.029 min
Response: 4219844
Conc: 39.01 ug/ml m



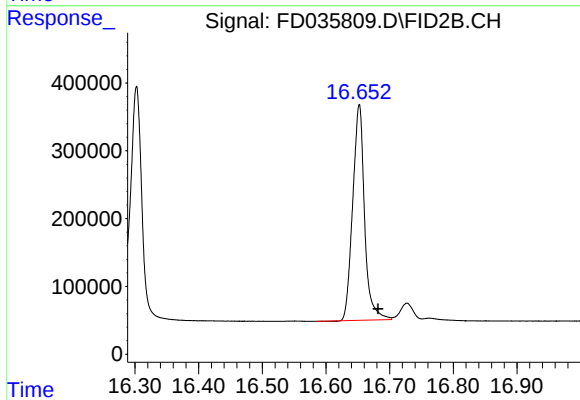
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.302 min
Delta R.T.: -0.030 min
Response: 4256256
Conc: 38.36 ug/ml

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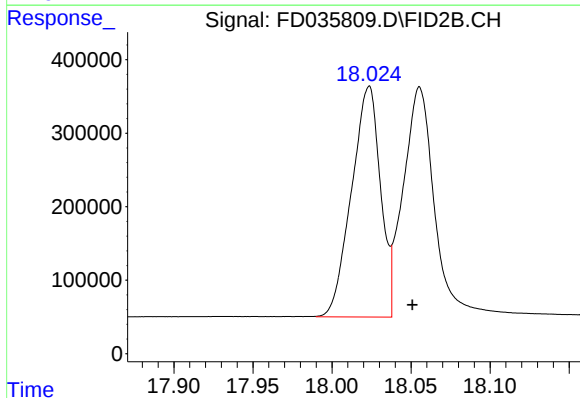
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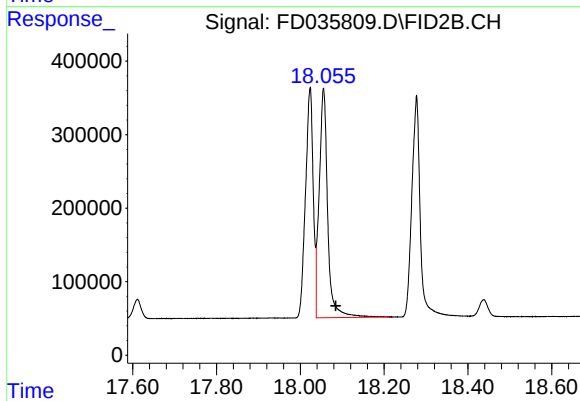
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min
Delta R.T.: -0.030 min
Response: 4117422
Conc: 41.76 ug/ml



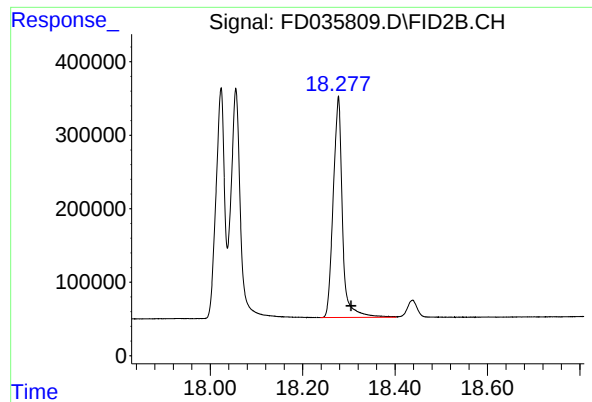
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.024 min
Delta R.T.: -0.027 min
Response: 4039372
Conc: 41.76 ug/ml m



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

R.T.: 18.055 min
Delta R.T.: -0.029 min
Response: 4379495
Conc: 42.45 ug/ml



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

R.T.: 18.277 min
Delta R.T.: -0.028 min
Response: 4177616
Conc: 42.19 ug/ml

Instrument :
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