

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102120AR\
 Data File : FD035111.D
 Signal(s) : FID2B.CH
 Acq On : 21 Oct 2020 13:24
 Operator : DD\AJ
 Sample : PB132483BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB132483BS

Manual Integrations
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 10/22/2020 11:06:49 AM

Integration File: autoint1.e
 Quant Time: Oct 21 15:26:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 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...	7.652	6292488	53.981 ug/ml
Spiked Amount 50.000		Recovery =	107.96%
6) S 2-Fluorobiphenyl (SURR)	8.518	4366421	53.185 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.37%
11) S ortho-Terphenyl (SURR)	11.557	5957267	43.444 ug/ml
Spiked Amount 50.000		Recovery =	86.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.448	4538919	34.957 ug/mlm
2) T Naphthalene (C11.7)	5.988	5139397	37.549 ug/ml
3) T 2-Methylnaphthalene (...)	7.042	5317443	38.768 ug/ml
5) T Acenaphthylene (C15.06)	8.319	5363280	39.614 ug/ml
7) T Acenaphthene (C15.5)	8.615	5778932	41.860 ug/ml
8) T Flouorene (C16.55)	9.397	5843115	43.467 ug/ml
9) T Phenanthrene (C19.36)	10.794	5882243	44.040 ug/ml
10) T Anthracene (C19.43)	10.870	5839874	43.244 ug/ml
12) T Fluoranthene (C21.85)	12.607	5666331	43.058 ug/ml
13) T Pyrene (C20.8)	12.904	5538602	43.262 ug/ml
14) T Benzo[a]anthracene (C...	14.777	5004516	43.960 ug/mlm
15) T Chrysene (C27.41)	14.820	5833632	47.629 ug/ml
16) T benzo[b]fluoranthene ...	16.329	4950799	46.189 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.361	4635832	42.914 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.706	4384176	44.994 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.076	4808418	51.905 ug/mlm
20) T Dibenz[a,h]anthracene...	18.111	4547775	45.032 ug/ml
21) T Benzo[g,h,i]perylene ...	18.329	4714402	48.925 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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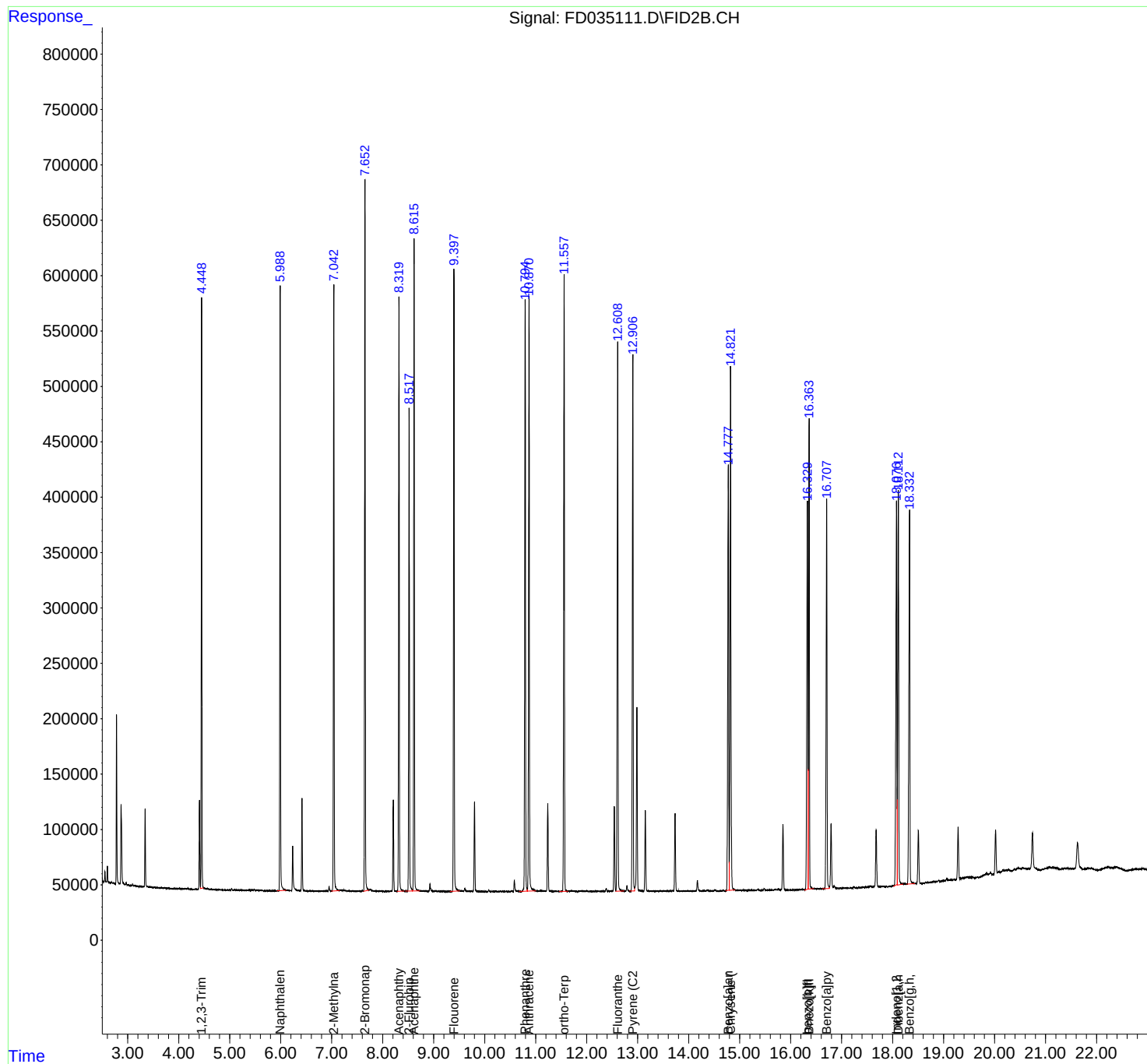
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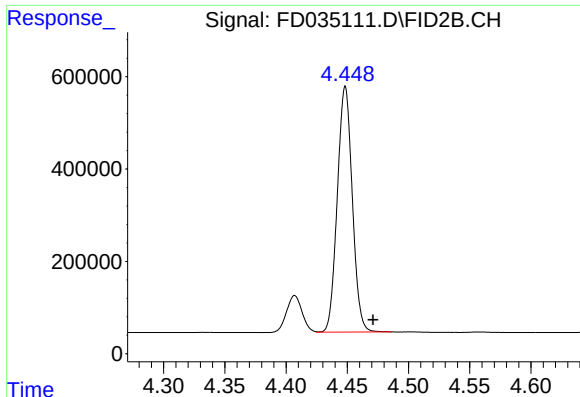
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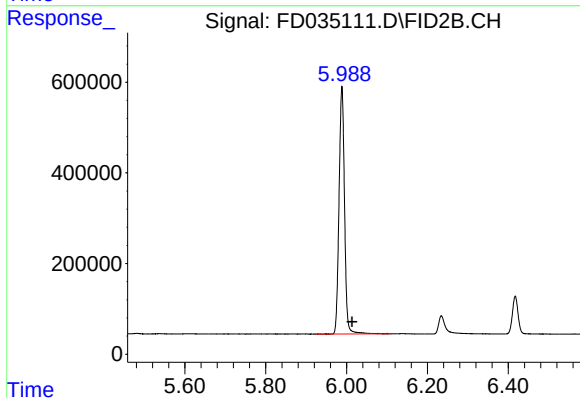
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.448 min
Delta R.T.: -0.023 min
Response: 4538919
Conc: 34.96 ug/ml m

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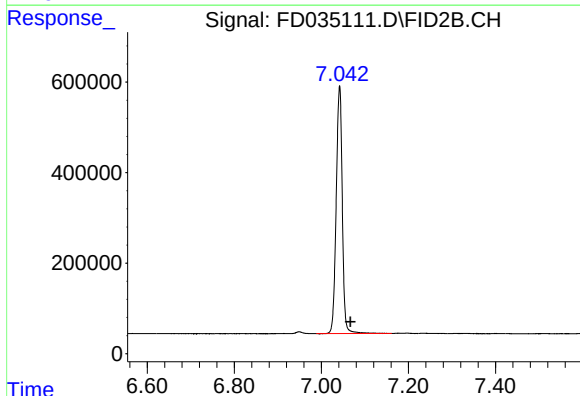
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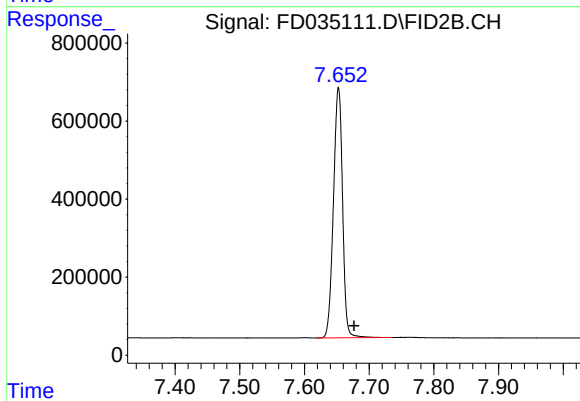
#2 Naphthalene (C11.7)

R.T.: 5.988 min
Delta R.T.: -0.025 min
Response: 5139397
Conc: 37.55 ug/ml



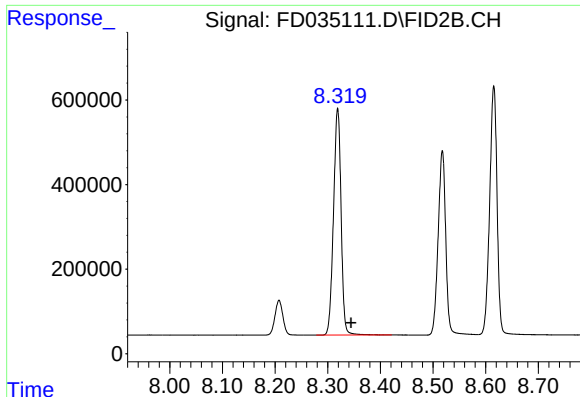
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.042 min
Delta R.T.: -0.025 min
Response: 5317443
Conc: 38.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.652 min
Delta R.T.: -0.024 min
Response: 6292488
Conc: 53.98 ug/ml



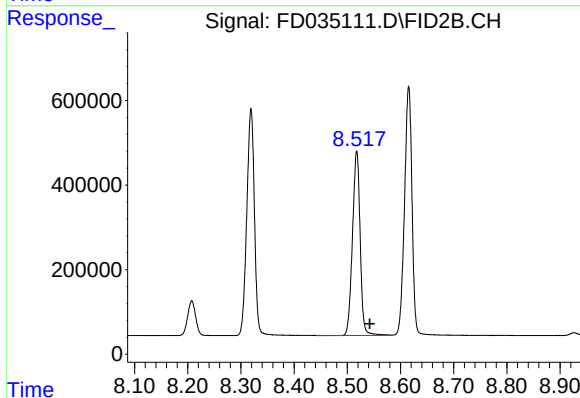
#5 Acenaphthylene (C15.06)

R.T.: 8.319 min
Delta R.T.: -0.026 min
Response: 5363280
Conc: 39.61 ug/ml

Instrument :
FID_D
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PB132483BS

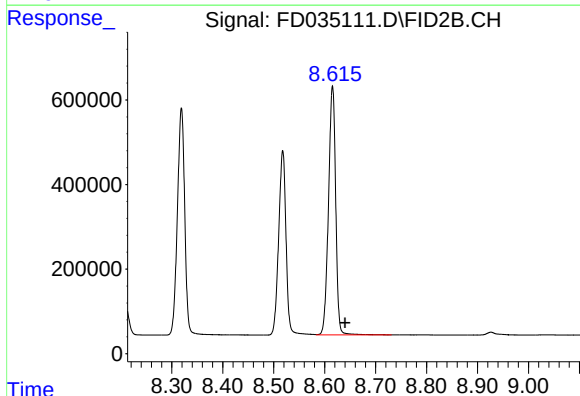
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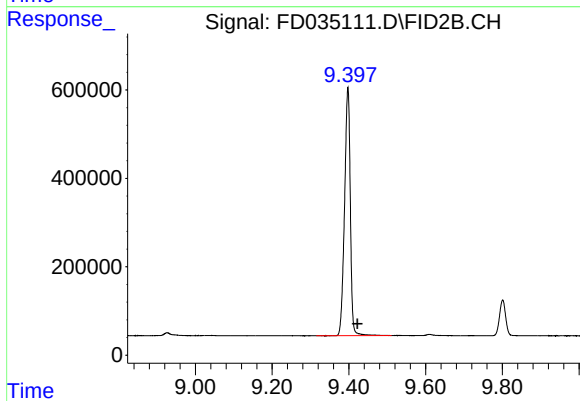
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.518 min
Delta R.T.: -0.025 min
Response: 4366421
Conc: 53.18 ug/ml



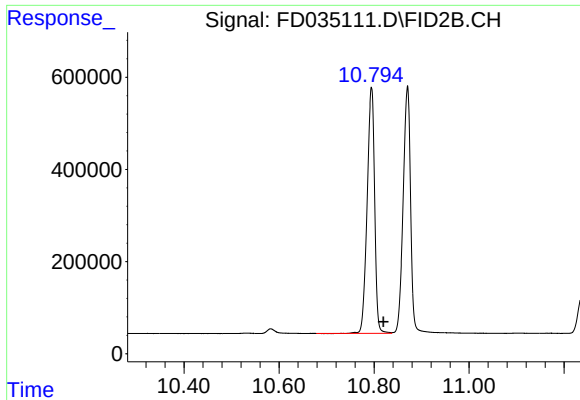
#7 Acenaphthene (C15.5)

R.T.: 8.615 min
Delta R.T.: -0.025 min
Response: 5778932
Conc: 41.86 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.397 min
Delta R.T.: -0.025 min
Response: 5843115
Conc: 43.47 ug/ml



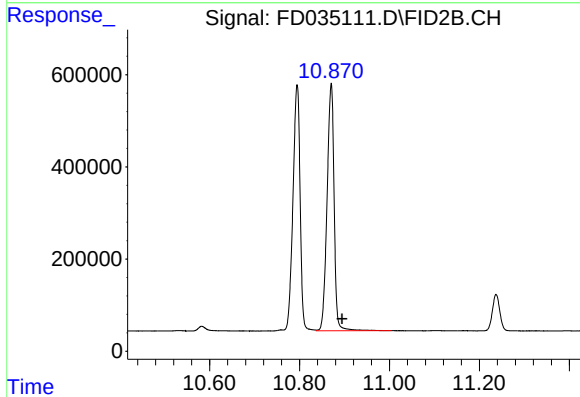
#9 Phenanthrene (C19.36)

R.T.: 10.794 min
Delta R.T.: -0.025 min
Response: 5882243
Conc: 44.04 ug/ml

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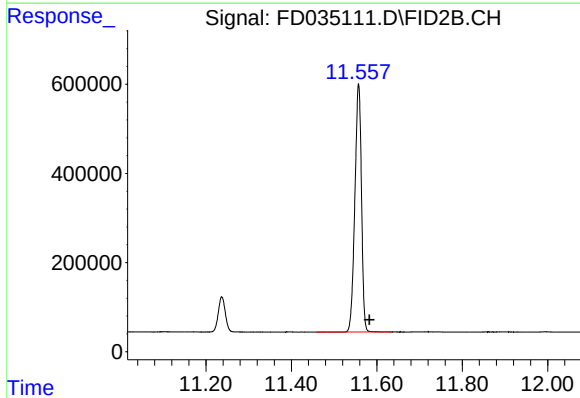
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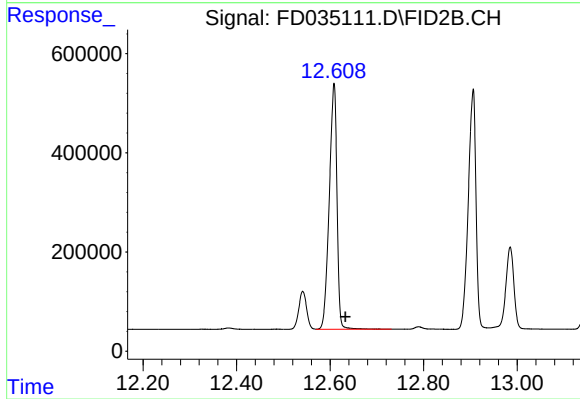
#10 Anthracene (C19.43)

R.T.: 10.870 min
Delta R.T.: -0.025 min
Response: 5839874
Conc: 43.24 ug/ml



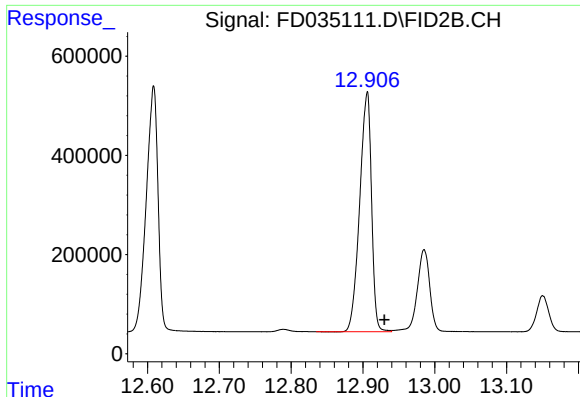
#11 ortho-Terphenyl (SURR)

R.T.: 11.557 min
Delta R.T.: -0.026 min
Response: 5957267
Conc: 43.44 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.607 min
Delta R.T.: -0.026 min
Response: 5666331
Conc: 43.06 ug/ml



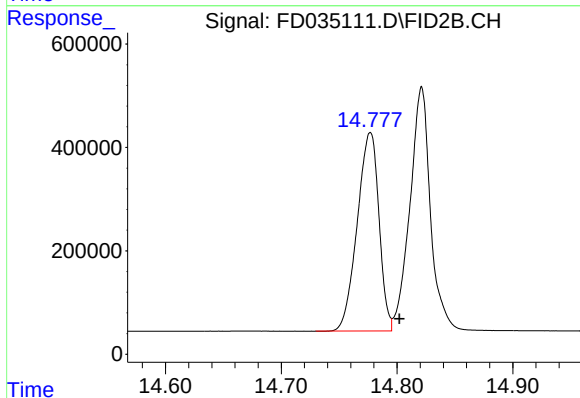
#13 Pyrene (C20.8)

R.T.: 12.904 min
Delta R.T.: -0.026 min
Response: 5538602
Conc: 43.26 ug/ml

Instrument :
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PB132483BS

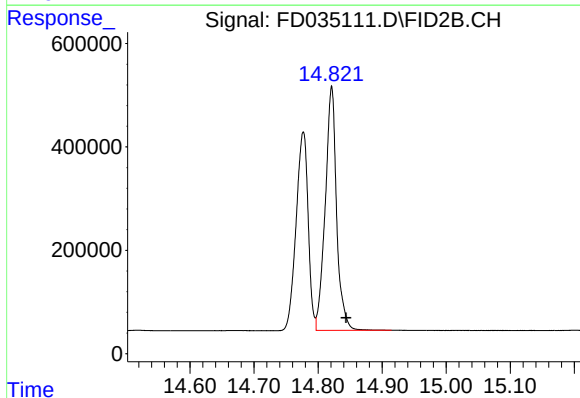
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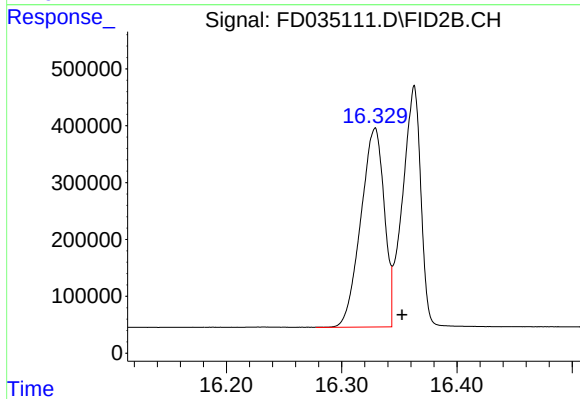
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.777 min
Delta R.T.: -0.025 min
Response: 5004516
Conc: 43.96 ug/ml m



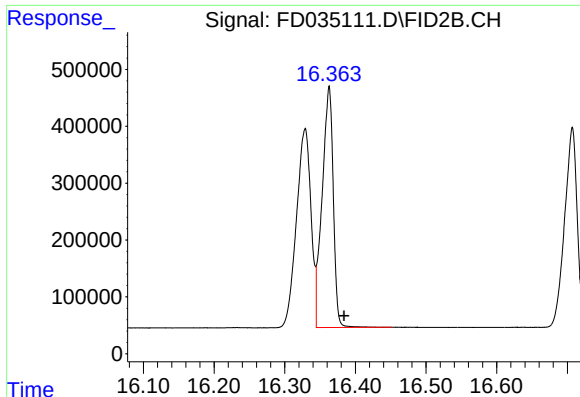
#15 Chrysene (C27.41)

R.T.: 14.820 min
Delta R.T.: -0.023 min
Response: 5833632
Conc: 47.63 ug/ml



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

R.T.: 16.329 min
Delta R.T.: -0.023 min
Response: 4950799
Conc: 46.19 ug/ml m



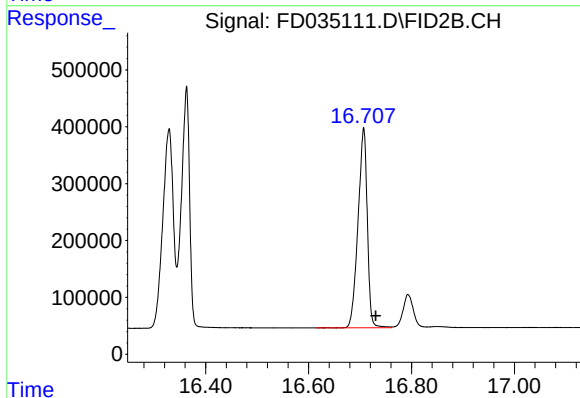
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.361 min
Delta R.T.: -0.023 min
Response: 4635832
Conc: 42.91 ug/ml

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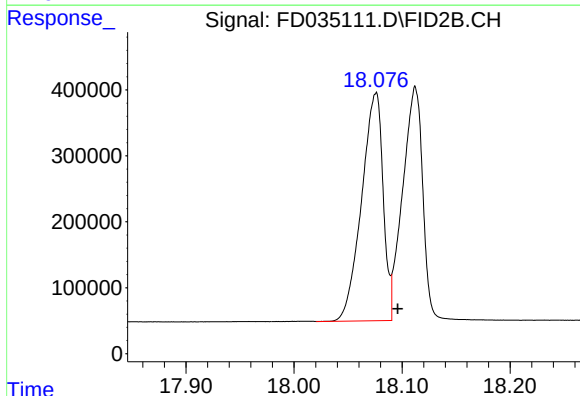
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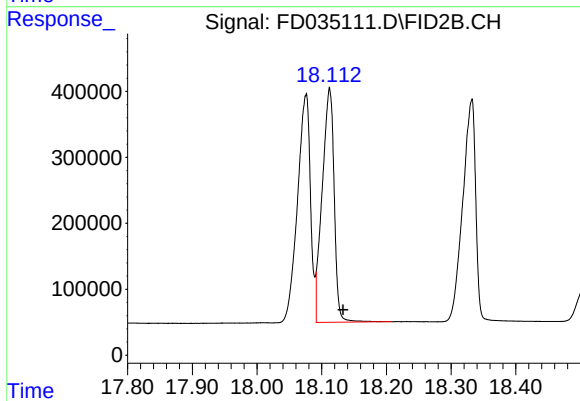
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.706 min
Delta R.T.: -0.025 min
Response: 4384176
Conc: 44.99 ug/ml



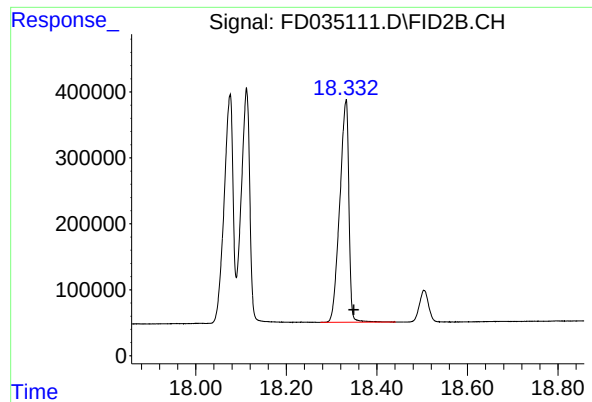
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.076 min
Delta R.T.: -0.020 min
Response: 4808418
Conc: 51.90 ug/ml m



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

R.T.: 18.111 min
Delta R.T.: -0.023 min
Response: 4547775
Conc: 45.03 ug/ml



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

R.T.: 18.329 min
Delta R.T.: -0.020 min
Response: 4714402
Conc: 48.93 ug/ml

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