

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102220AR\
 Data File : FD035128.D
 Signal(s) : FID2B.CH
 Acq On : 23 Oct 2020 2:49
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Manual Integrations
 APPROVED

Ankita
 10/23/2020 4:48:16 PM

Integration File: autoint1.e
 Quant Time: Oct 23 05:02:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 05:01:54 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	5913656	49.397 ug/ml
Spiked Amount 50.000		Recovery =	98.79%
6) S 2-Fluorobiphenyl (SURR)	8.515	4133831	49.737 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.47%
11) S ortho-Terphenyl (SURR)	11.554	6601276	48.681 ug/ml
Spiked Amount 50.000		Recovery =	97.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.446	6531517	48.520 ug/ml
2) T Naphthalene (C11.7)	5.987	6959582	49.382 ug/ml
3) T 2-Methylnaphthalene (...)	7.041	6965992	49.292 ug/ml
5) T Acenaphthylene (C15.06)	8.317	6683053	48.592 ug/ml
7) T Acenaphthene (C15.5)	8.613	6864691	48.838 ug/ml
8) T Fluorene (C16.55)	9.395	6634302	49.277 ug/ml
9) T Phenanthrene (C19.36)	10.792	6512919	49.447 ug/ml
10) T Anthracene (C19.43)	10.868	6466481	48.662 ug/ml
12) T Fluoranthene (C21.85)	12.604	6328790	48.863 ug/ml
13) T Pyrene (C20.8)	12.903	6189666	49.891 ug/ml
14) T Benzo[a]anthracene (C...	14.774	5580894	50.510 ug/ml
15) T Chrysene (C27.41)	14.817	5763921	48.135 ug/ml
16) T benzo[b]fluoranthene ...	16.325	5355800	50.660 ug/ml
17) T Bnezo[k]fluoranthene ...	16.358	5145149	47.853 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.703	4813842	49.158 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.070	4690654	51.599 ug/mlm
20) T Dibenz[a,h]anthracene...	18.107	4837296	46.069 ug/ml
21) T Benzo[g,h,i]perylene ...	18.325	4810150	48.972 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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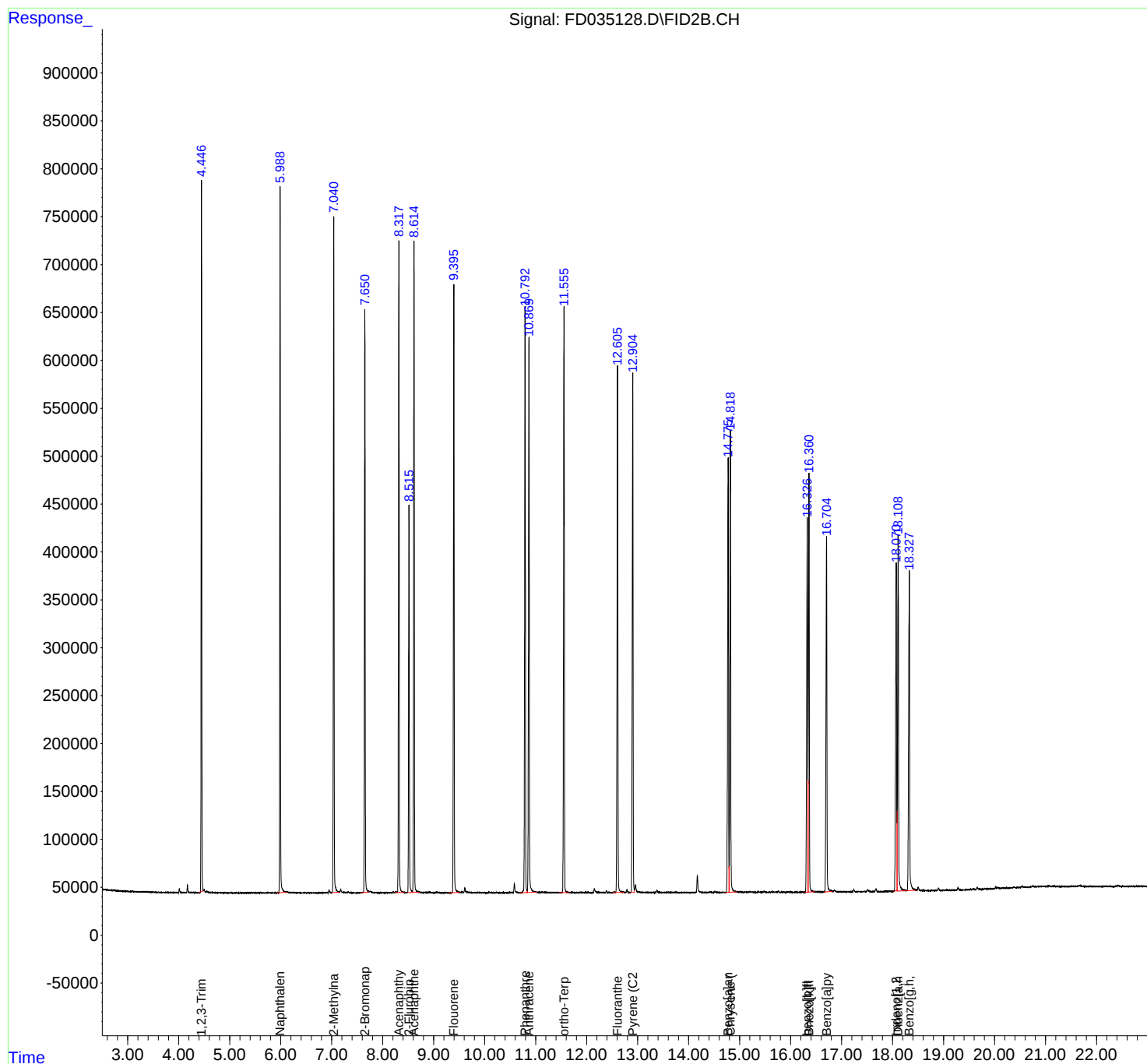
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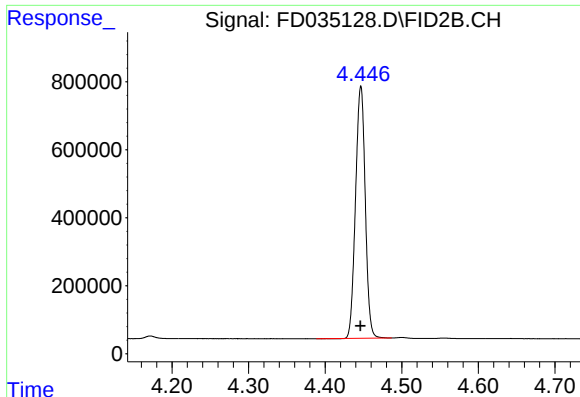
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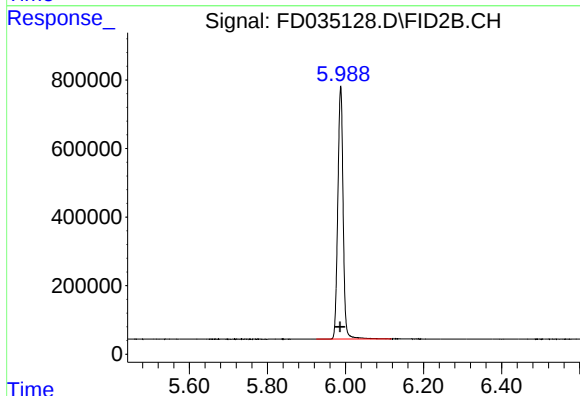
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.446 min
Delta R.T.: 0.000 min
Response: 6531517
Conc: 48.52 ug/ml

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50 PPM AROMATIC HC STD2

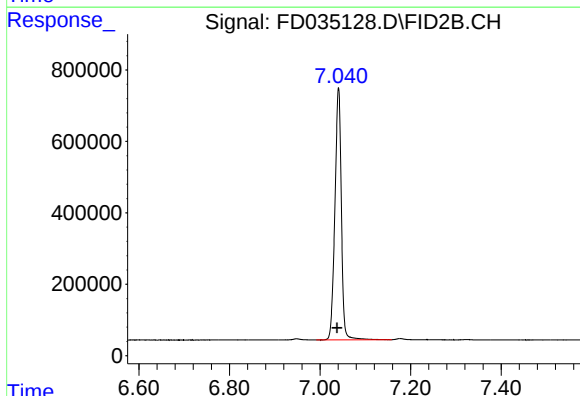
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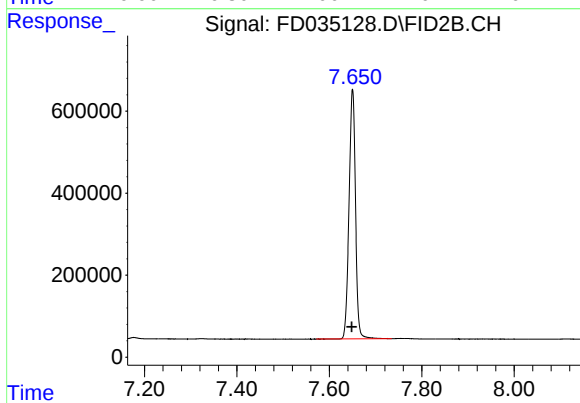
#2 Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: 0.002 min
Response: 6959582
Conc: 49.38 ug/ml



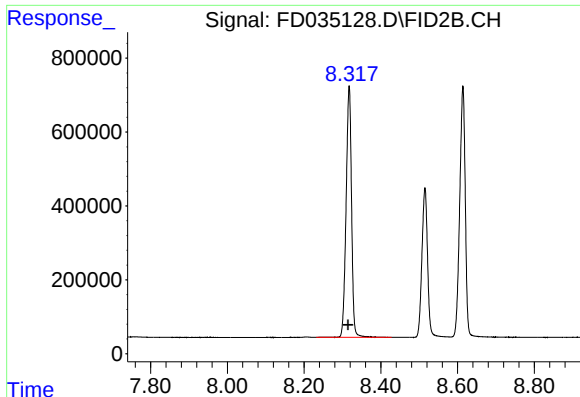
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.041 min
Delta R.T.: 0.003 min
Response: 6965992
Conc: 49.29 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.650 min
Delta R.T.: 0.002 min
Response: 5913656
Conc: 49.40 ug/ml



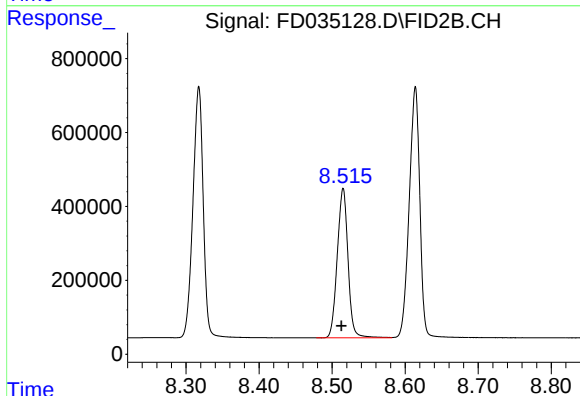
#5 Acenaphthylene (C15.06)

R.T.: 8.317 min
Delta R.T.: 0.003 min
Response: 6683053
Conc: 48.59 ug/ml

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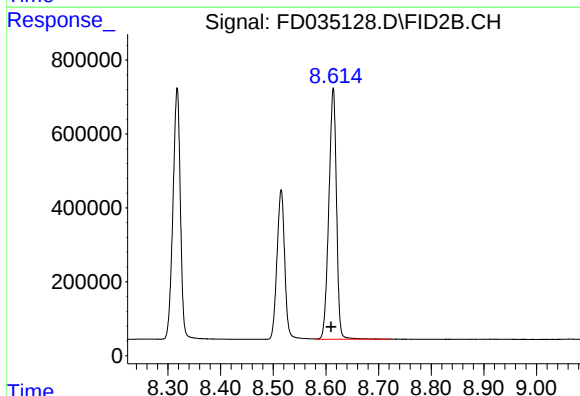
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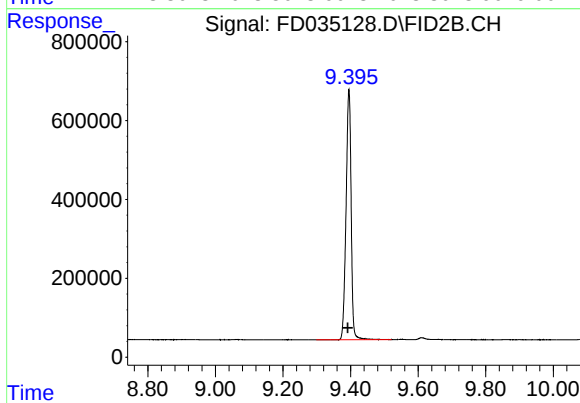
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.515 min
Delta R.T.: 0.002 min
Response: 4133831
Conc: 49.74 ug/ml



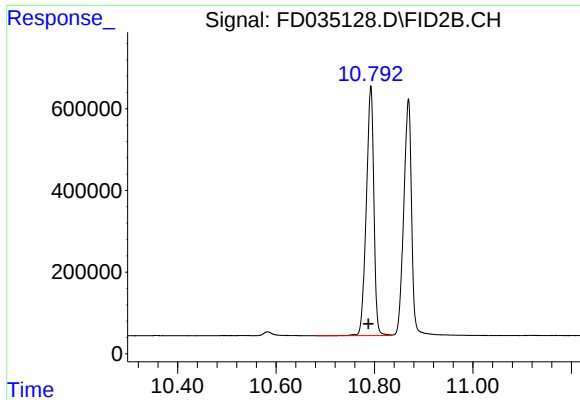
#7 Acenaphthene (C15.5)

R.T.: 8.613 min
Delta R.T.: 0.003 min
Response: 6864691
Conc: 48.84 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.395 min
Delta R.T.: 0.003 min
Response: 6634302
Conc: 49.28 ug/ml



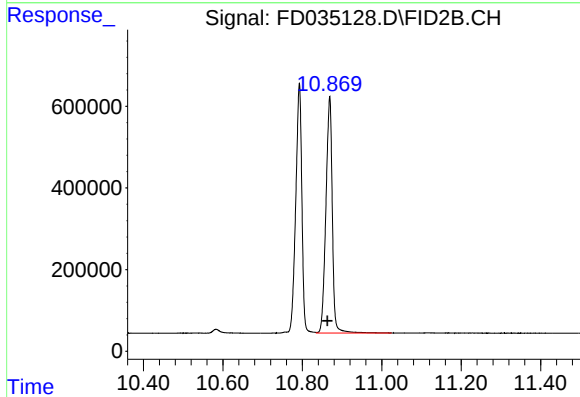
#9 Phenanthrene (C19.36)

R.T.: 10.792 min
Delta R.T.: 0.004 min
Response: 6512919
Conc: 49.45 ug/ml

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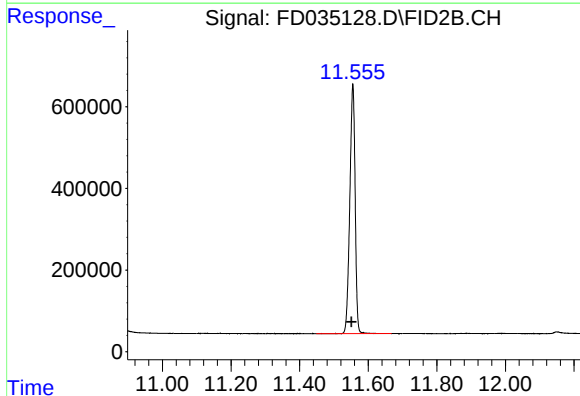
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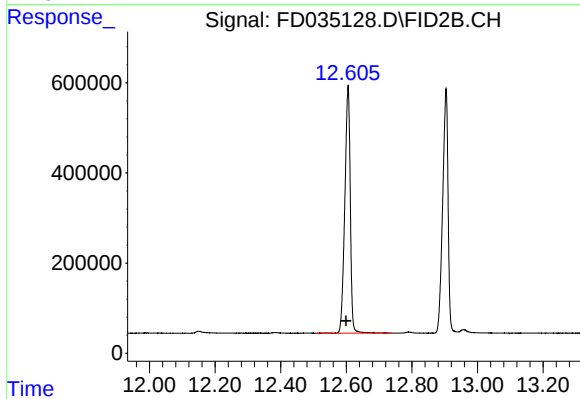
#10 Anthracene (C19.43)

R.T.: 10.868 min
Delta R.T.: 0.005 min
Response: 6466481
Conc: 48.66 ug/ml



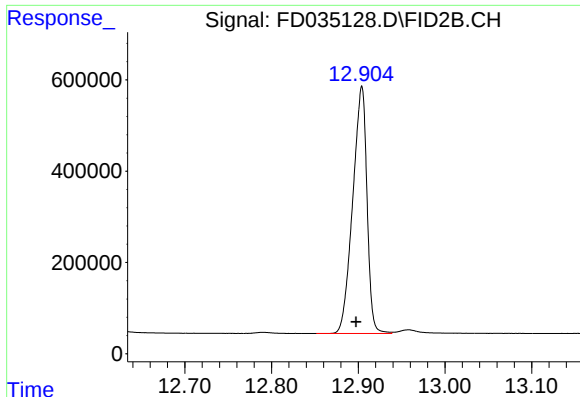
#11 ortho-Terphenyl (SURR)

R.T.: 11.554 min
Delta R.T.: 0.003 min
Response: 6601276
Conc: 48.68 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.604 min
Delta R.T.: 0.004 min
Response: 6328790
Conc: 48.86 ug/ml



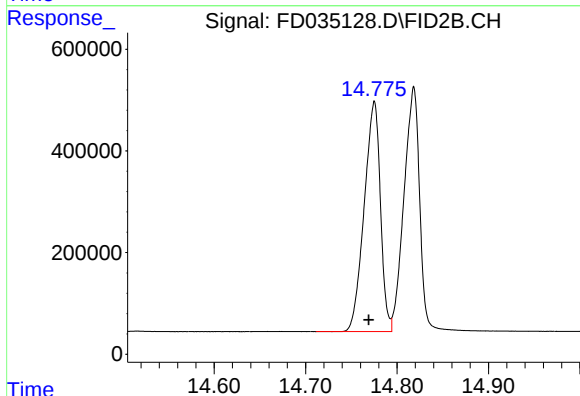
#13 Pyrene (C20.8)

R.T.: 12.903 min
Delta R.T.: 0.005 min
Response: 6189666
Conc: 49.89 ug/ml

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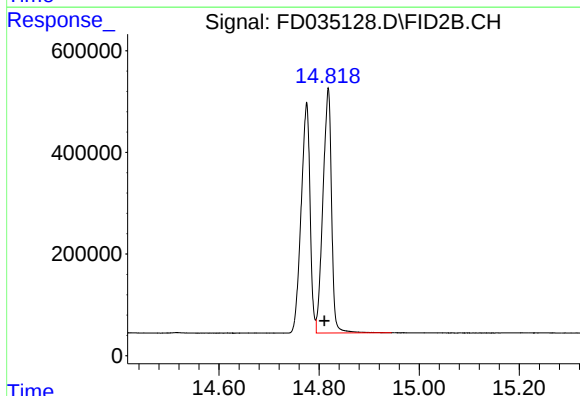
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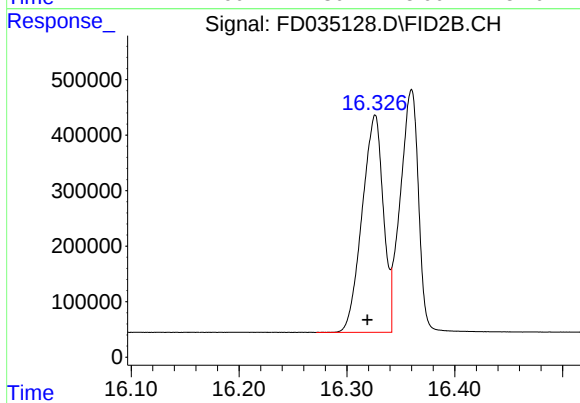
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.774 min
Delta R.T.: 0.005 min
Response: 5580894
Conc: 50.51 ug/ml



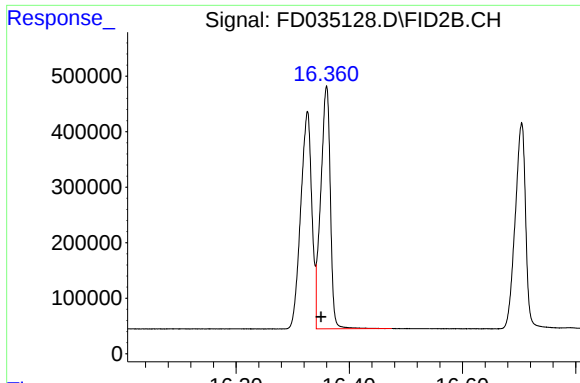
#15 Chrysene (C27.41)

R.T.: 14.817 min
Delta R.T.: 0.006 min
Response: 5763921
Conc: 48.14 ug/ml



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

R.T.: 16.325 min
Delta R.T.: 0.006 min
Response: 5355800
Conc: 50.66 ug/ml



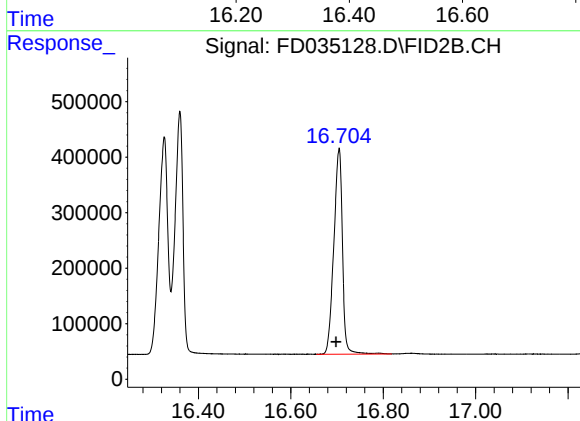
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.358 min
Delta R.T.: 0.008 min
Response: 5145149
Conc: 47.85 ug/ml

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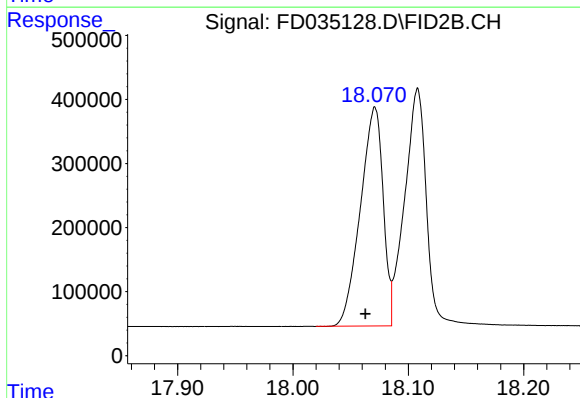
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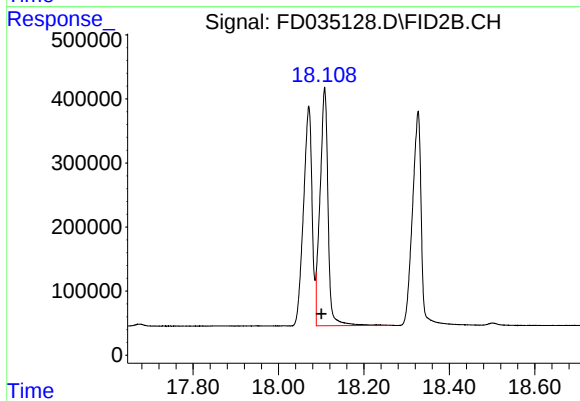
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.703 min
Delta R.T.: 0.005 min
Response: 4813842
Conc: 49.16 ug/ml



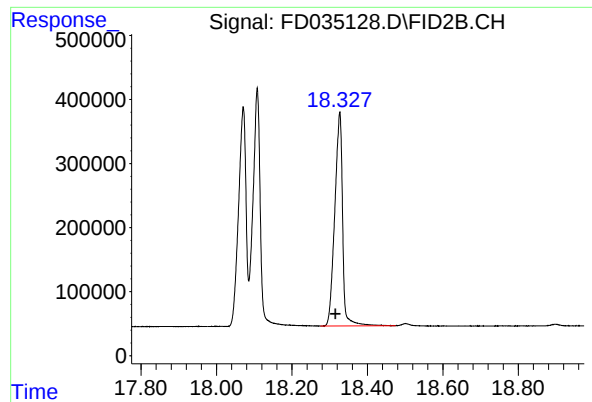
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.070 min
Delta R.T.: 0.008 min
Response: 4690654
Conc: 51.60 ug/ml m



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

R.T.: 18.107 min
Delta R.T.: 0.006 min
Response: 4837296
Conc: 46.07 ug/ml



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

R.T.: 18.325 min
Delta R.T.: 0.009 min
Response: 4810150
Conc: 48.97 ug/ml

Instrument :
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