

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110823AR\
 Data File : FD046864.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2023 17:17
 Operator : YP/AJ
 Sample : PB156991BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB156991BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :Ankita Jodhani 11/09/2023

Integration File: autoint1.e
 Quant Time: Nov 08 23:09:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.484	8841456	48.480 ug/ml
Spiked Amount 50.000		Recovery =	96.96%
6) S 2-Fluorobiphenyl (SURR)	8.337	5044943	42.869 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.74%
11) S ortho-Terphenyl (SURR)	11.376	8988927	42.449 ug/ml
Spiked Amount 50.000		Recovery =	84.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.296	5705812	29.545 ug/mlm
2) T Naphthalene (C11.7)	5.822	6692735	33.423 ug/ml
3) T 2-Methylnaphthalene (...)	6.870	7126756	35.459 ug/ml
5) T Acenaphthylene (C15.06)	8.141	7649510	41.590 ug/ml
7) T Acenaphthene (C15.5)	8.436	7661127	39.110 ug/ml
8) T Fluorene (C16.55)	9.215	7955424	43.010 ug/ml
9) T Phenanthrene (C19.36)	10.604	7974262	44.823 ug/ml
10) T Anthracene (C19.43)	10.680	7859787	46.121 ug/ml
12) T Fluoranthene (C21.85)	12.409	8168038	47.294 ug/ml
13) T Pyrene (C20.8)	12.703	8147243	48.998 ug/ml
14) T Benzo[a]anthracene (C...	14.567	7327961	52.085 ug/ml
15) T Chrysene (C27.41)	14.611	7310495	46.875 ug/ml
16) T benzo[b]fluoranthene ...	16.109	7097079	49.586 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	6884446	47.024 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	6557797	46.785 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.845	6834424	54.100 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	6273098	44.903 ug/ml
21) T Benzo[g,h,i]perylene ...	18.098	6345559	45.447 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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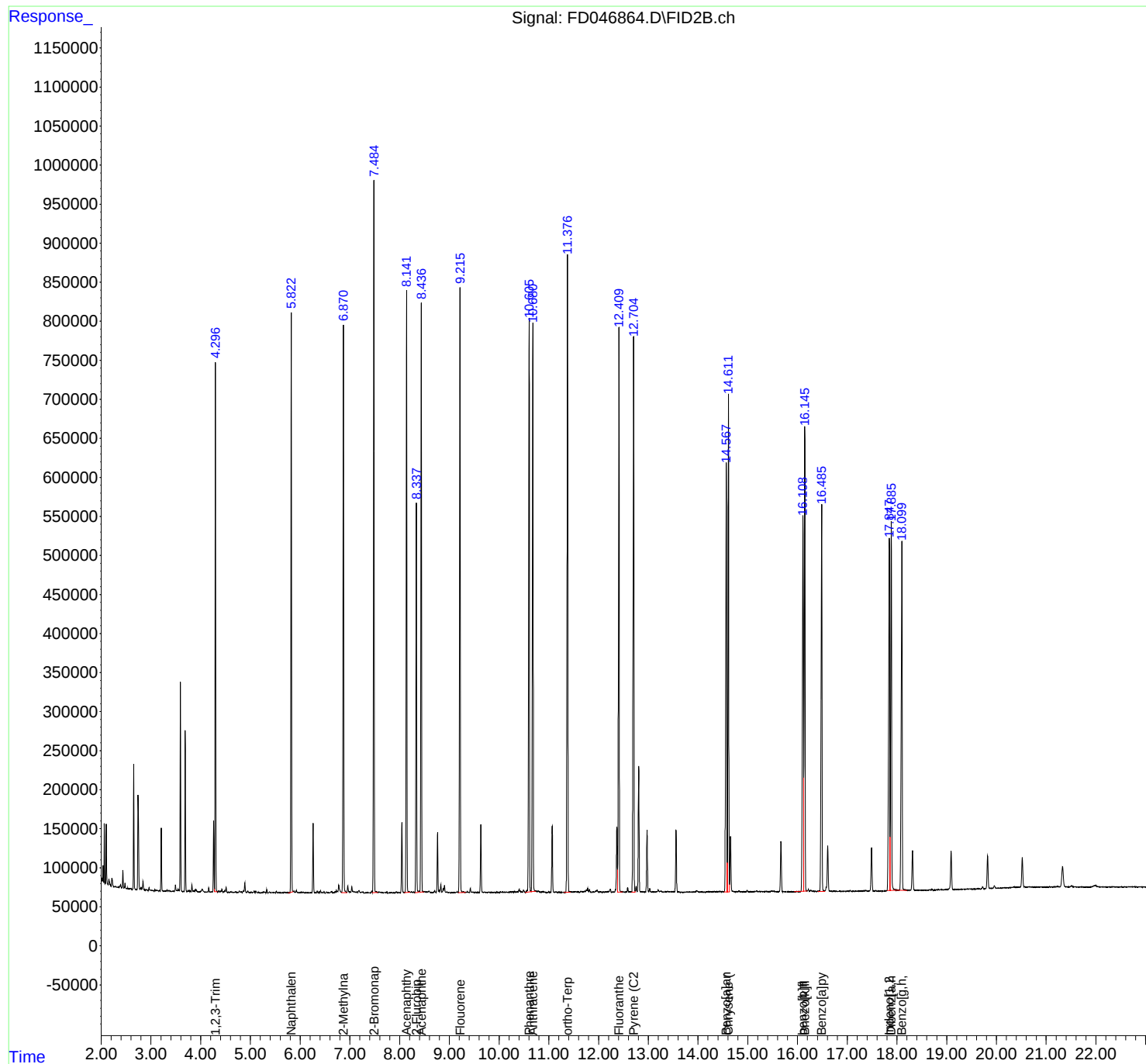
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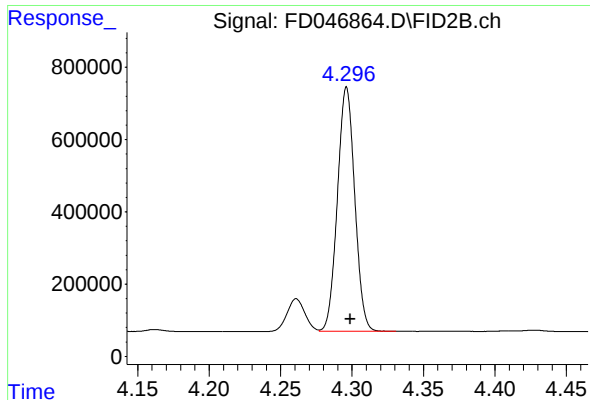
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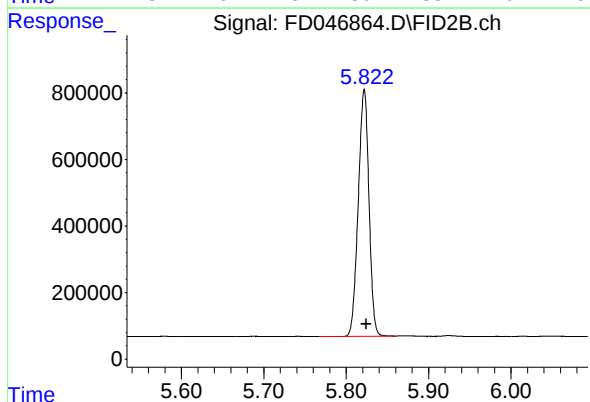
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.296 min
Delta R.T.: -0.003 min
Response: 5705812
Conc: 29.54 ug/ml

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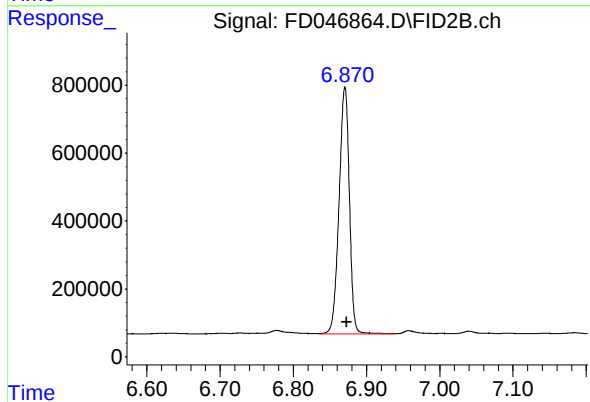
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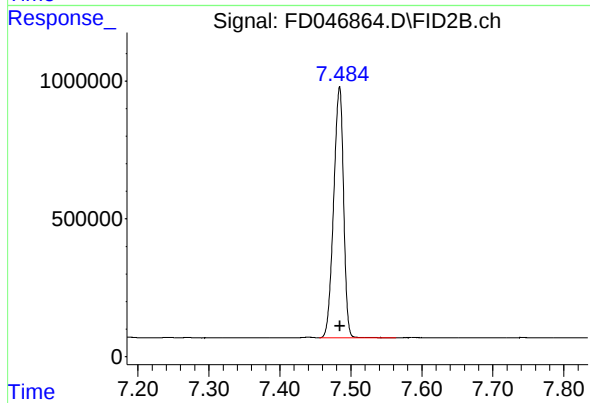
#2 Naphthalene (C11.7)

R.T.: 5.822 min
Delta R.T.: -0.003 min
Response: 6692735
Conc: 33.42 ug/ml



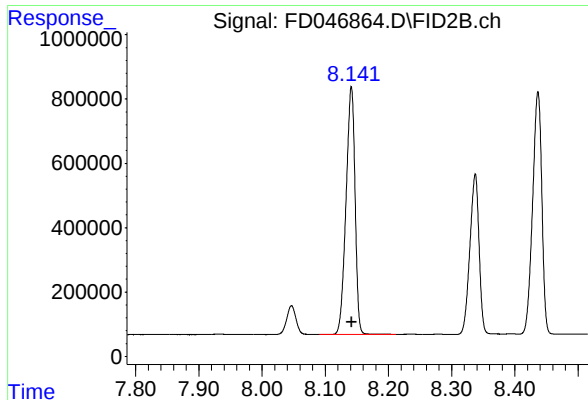
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.870 min
Delta R.T.: -0.002 min
Response: 7126756
Conc: 35.46 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 8841456
Conc: 48.48 ug/ml



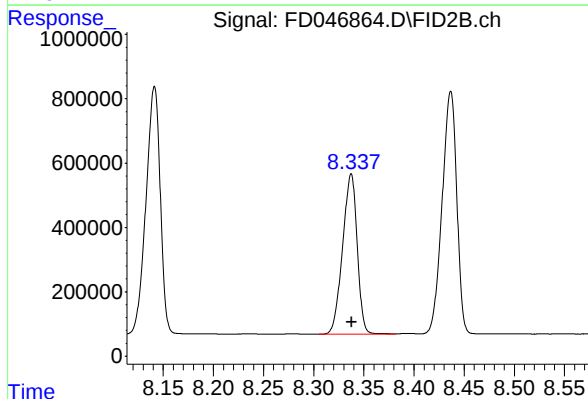
#5 Acenaphthylene (C15.06)

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 7649510
Conc: 41.59 ug/ml

Instrument :
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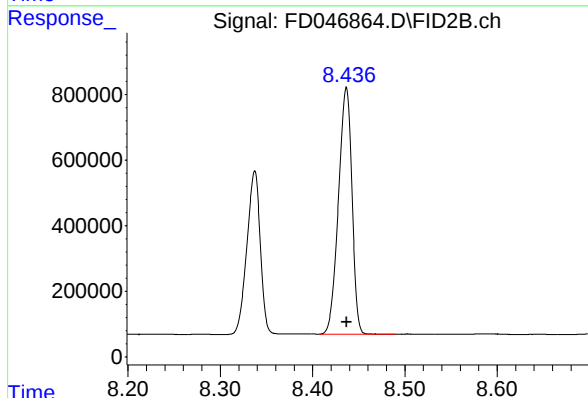
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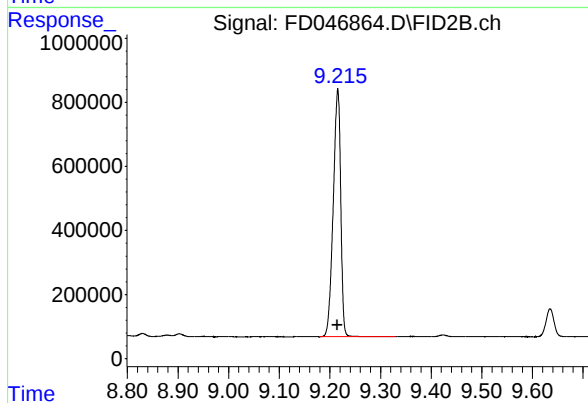
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: -0.001 min
Response: 5044943
Conc: 42.87 ug/ml



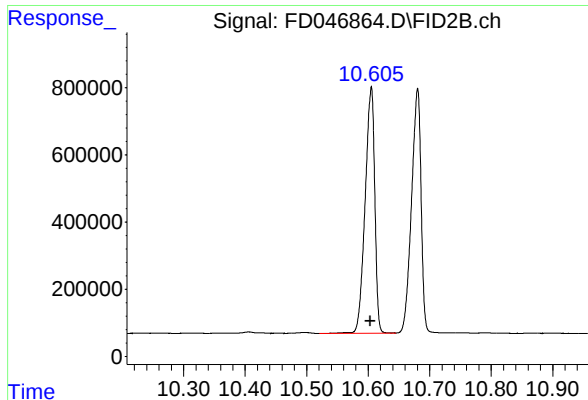
#7 Acenaphthene (C15.5)

R.T.: 8.436 min
Delta R.T.: 0.000 min
Response: 7661127
Conc: 39.11 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 7955424
Conc: 43.01 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.604 min
Delta R.T.: 0.001 min
Response: 7974262
Conc: 44.82 ug/ml

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FID_D

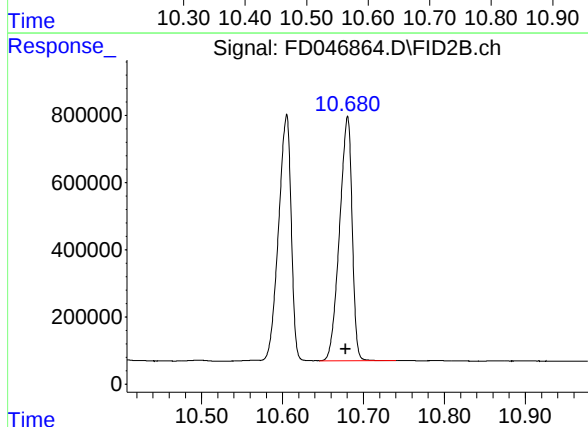
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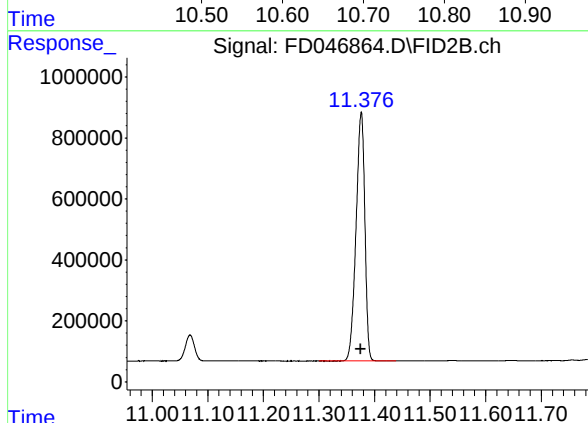
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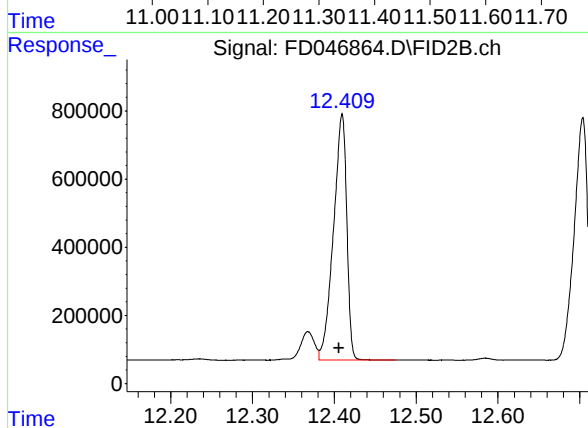
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.002 min
Response: 7859787
Conc: 46.12 ug/ml



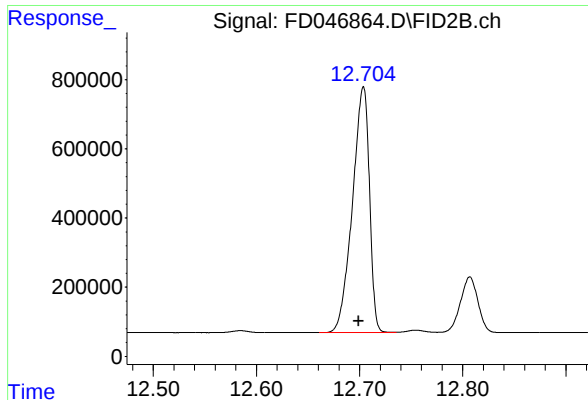
#11 ortho-Terphenyl (SURR)

R.T.: 11.376 min
Delta R.T.: 0.000 min
Response: 8988927
Conc: 42.45 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.409 min
Delta R.T.: 0.003 min
Response: 8168038
Conc: 47.29 ug/ml



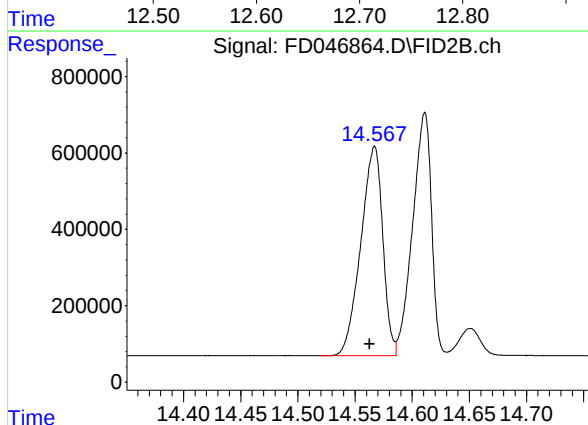
#13 Pyrene (C20.8)

R.T.: 12.703 min
Delta R.T.: 0.004 min
Response: 8147243
Conc: 49.00 ug/ml

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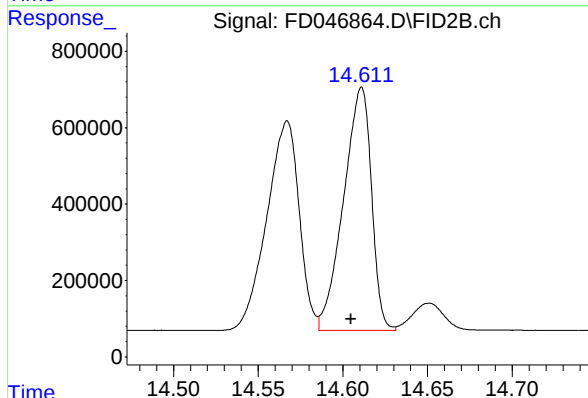
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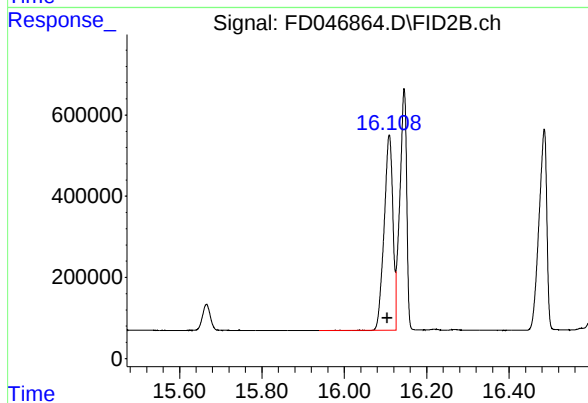
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.567 min
Delta R.T.: 0.004 min
Response: 7327961
Conc: 52.08 ug/ml



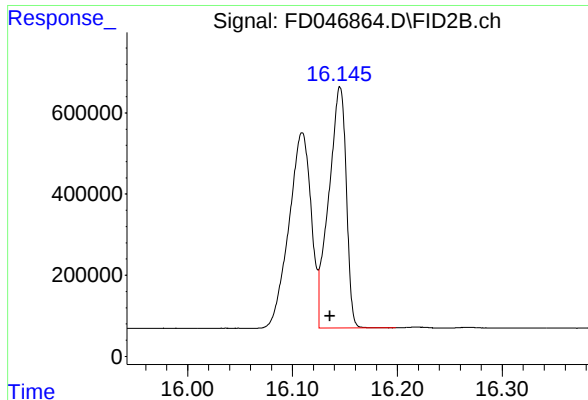
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: 0.006 min
Response: 7310495
Conc: 46.88 ug/ml



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

R.T.: 16.109 min
Delta R.T.: 0.005 min
Response: 7097079
Conc: 49.59 ug/ml



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

R.T.: 16.145 min
Delta R.T.: 0.009 min
Response: 6884446
Conc: 47.02 ug/ml

Instrument :

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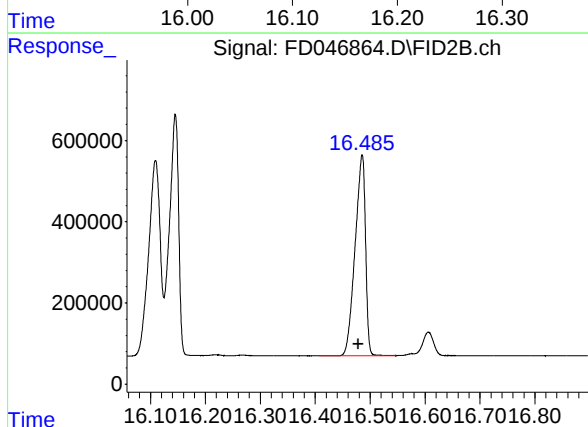
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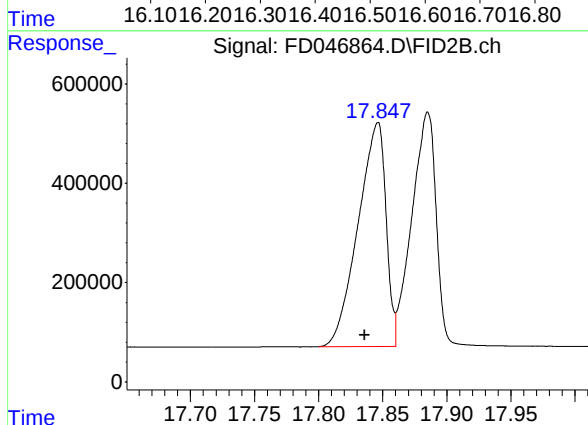
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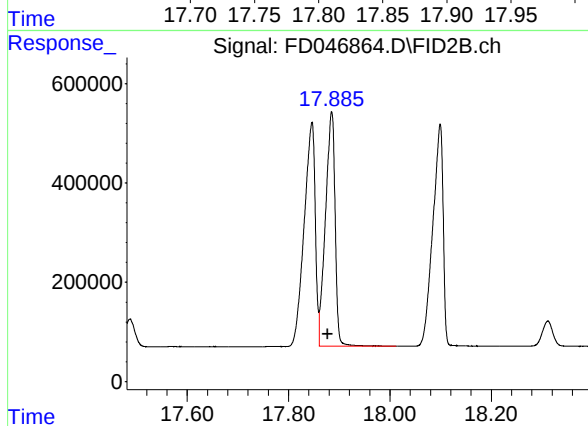
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.006 min
Response: 6557797
Conc: 46.79 ug/ml



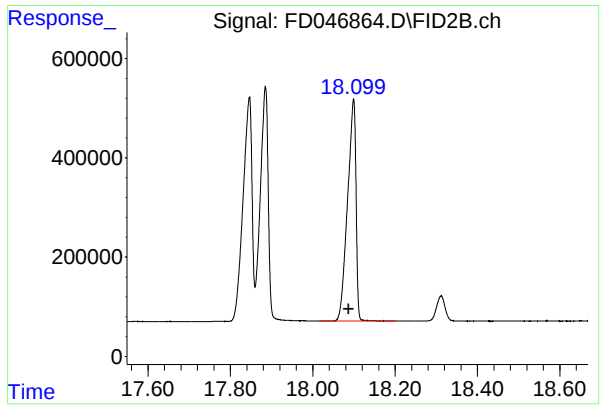
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.845 min
Delta R.T.: 0.009 min
Response: 6834424
Conc: 54.10 ug/ml



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

R.T.: 17.885 min
Delta R.T.: 0.007 min
Response: 6273098
Conc: 44.90 ug/ml



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

R.T.: 18.098 min
Delta R.T.: 0.011 min
Response: 6345559
Conc: 45.45 ug/ml

Instrument :

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