

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101822AR\
 Data File : FD044161.D
 Signal(s) : FID2B.ch
 Acq On : 18 Oct 2022 12:30
 Operator : YP/AJ
 Sample : PB148381BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB148381BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2022
 Supervised By :Ankita Jodhani 10/19/2022

Integration File: autoint1.e
 Quant Time: Oct 19 05:30:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.416	6232478	50.198 ug/ml
Spiked Amount 50.000		Recovery =	100.40%
6) S 2-Fluorobiphenyl (SURR)	8.271	4059047	53.906 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.81%
11) S ortho-Terphenyl (SURR)	11.303	6474313	38.251 ug/ml
Spiked Amount 50.000		Recovery =	76.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.227	4904187	34.745 ug/mlm
2) T Naphthalene (C11.7)	5.757	5438967	39.673 ug/ml
3) T 2-Methylnaphthalene (...)	6.802	5658637	39.917 ug/ml
5) T Acenaphthylene (C15.06)	8.073	5861588	41.784 ug/ml
7) T Acenaphthene (C15.5)	8.366	6364415	40.927 ug/ml
8) T Flouorene (C16.55)	9.146	6161458	43.797 ug/ml
9) T Phenanthrene (C19.36)	10.538	6192803	45.984 ug/ml
10) T Anthracene (C19.43)	10.613	6237536	46.421 ug/ml
12) T Fluoranthene (C21.85)	12.343	6011710	45.015 ug/ml
13) T Pyrene (C20.8)	12.639	5803950	45.950 ug/ml
14) T Benzo[a]anthracene (C...	14.508	5424674	51.071 ug/ml
15) T Chrysene (C27.41)	14.551	6278735	47.897 ug/ml
16) T benzo[b]fluoranthene ...	16.057	5280403	47.051 ug/ml
17) T Bnezo[k]fluoranthene ...	16.088	5324702	41.852 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	4718399	40.606 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.801	5047527	47.346 ug/ml
20) T Dibenz[a,h]anthracene...	17.835	5411915	43.745 ug/ml
21) T Benzo[g,h,i]perylene ...	18.054	5240750	44.641 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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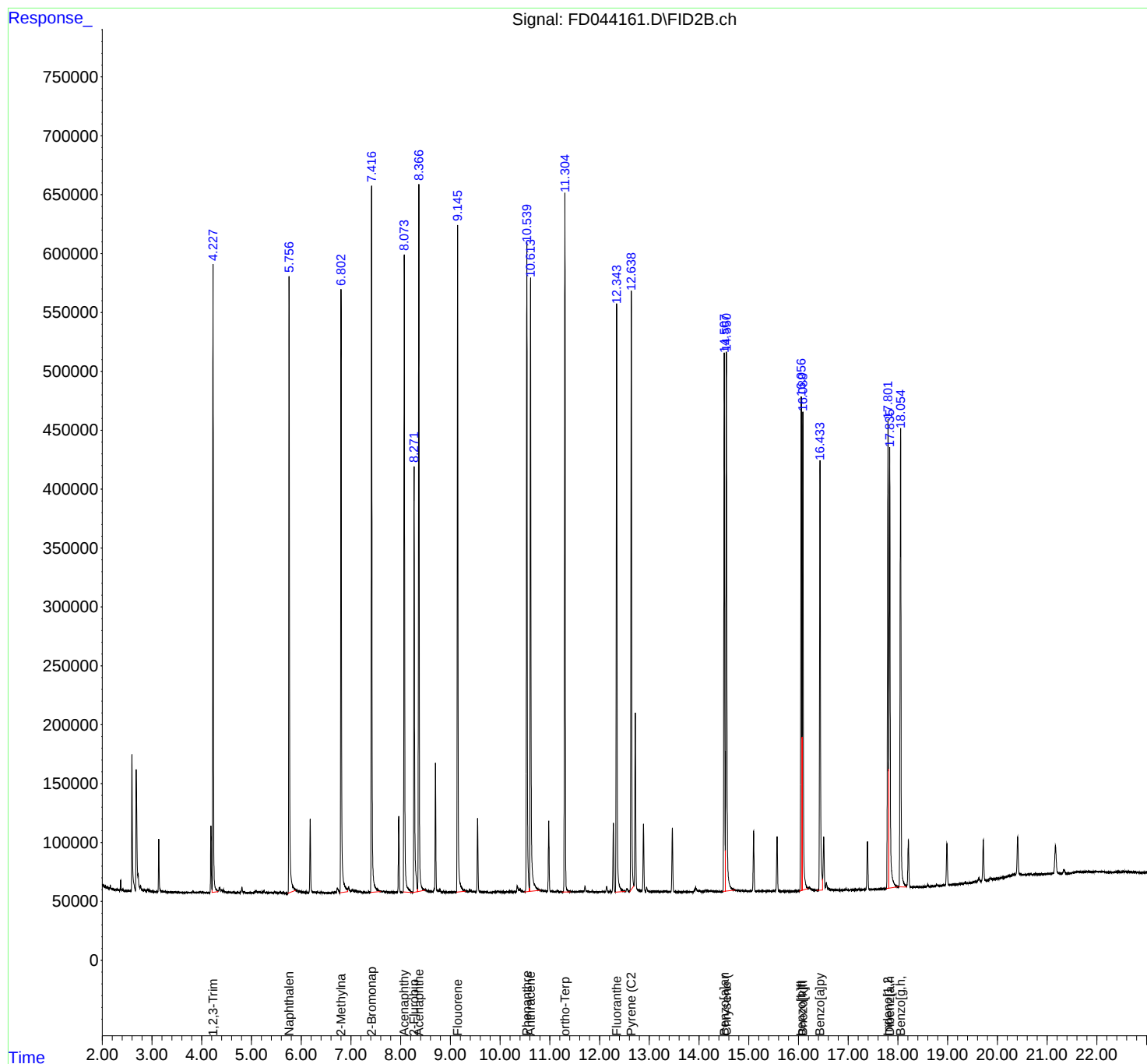
Instrument :
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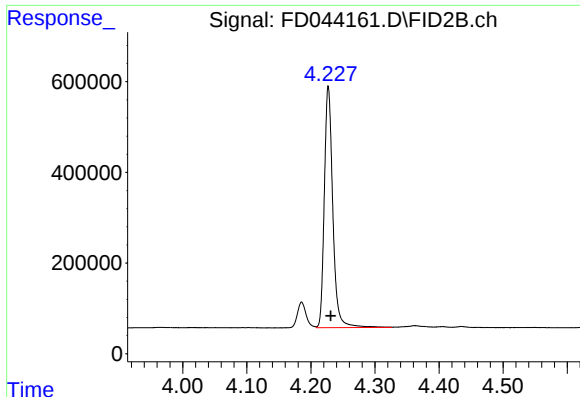
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.227 min
Delta R.T.: -0.004 min
Response: 4904187
Conc: 34.74 ug/ml

Instrument :

FID_D

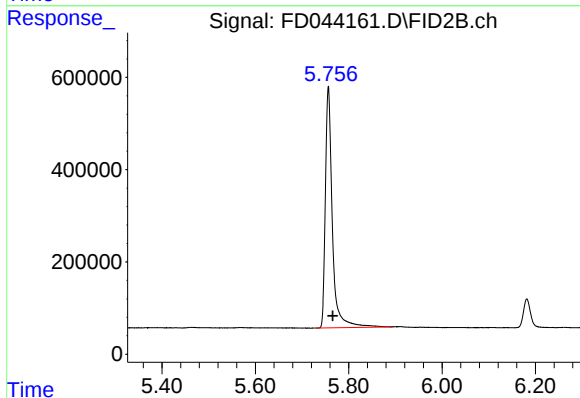
ClientSampleId :

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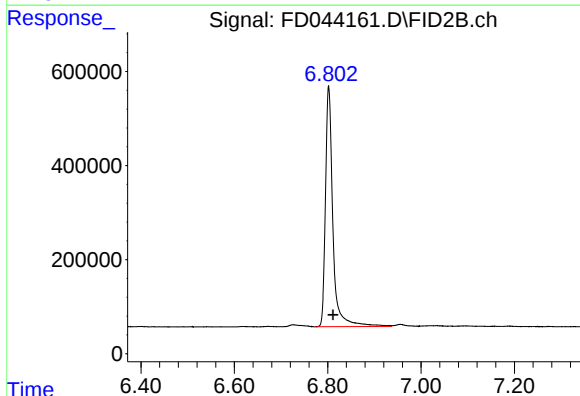
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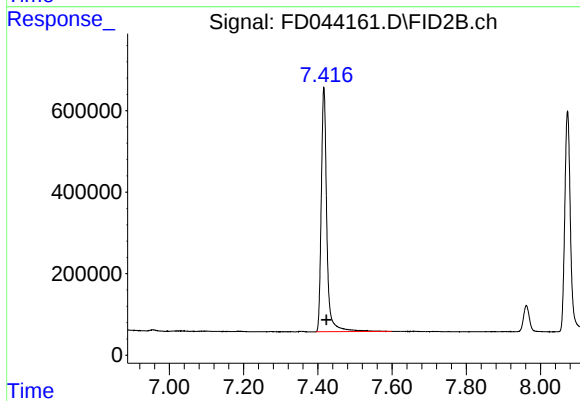
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.009 min
Response: 5438967
Conc: 39.67 ug/ml



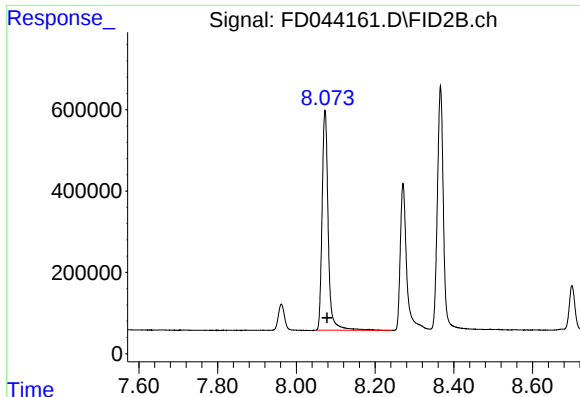
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: -0.009 min
Response: 5658637
Conc: 39.92 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.416 min
Delta R.T.: -0.007 min
Response: 6232478
Conc: 50.20 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.073 min
Delta R.T.: -0.005 min
Response: 5861588
Conc: 41.78 ug/ml

Instrument :

FID_D

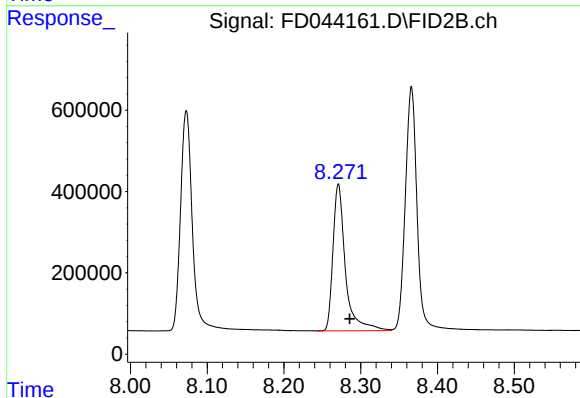
ClientSampleId :

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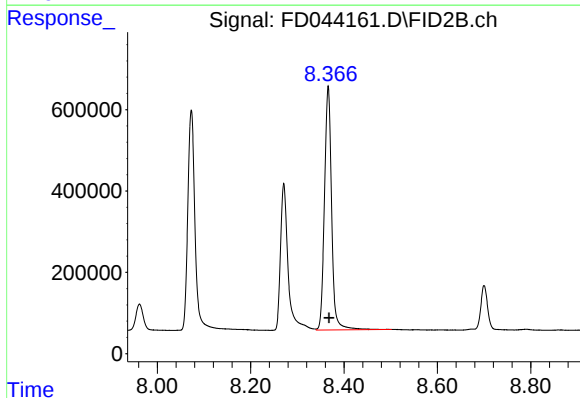
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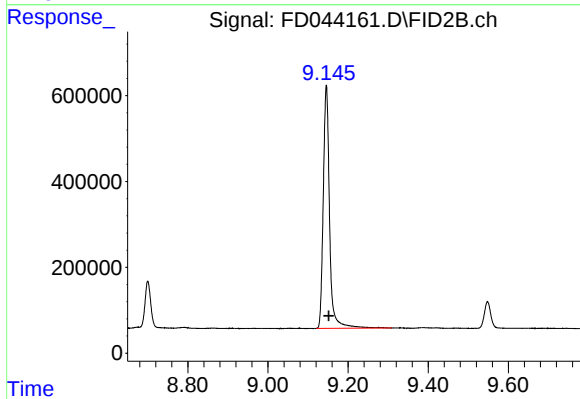
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.271 min
Delta R.T.: -0.015 min
Response: 4059047
Conc: 53.91 ug/ml



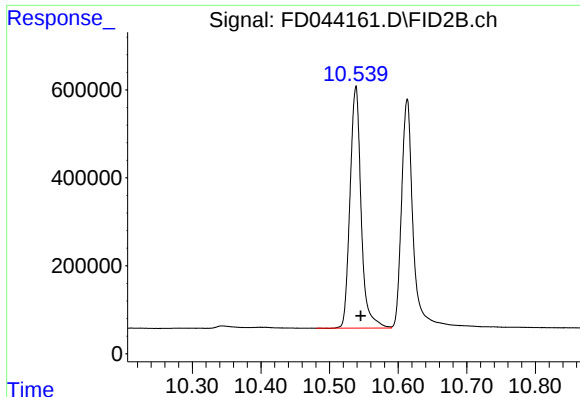
#7 Acenaphthene (C15.5)

R.T.: 8.366 min
Delta R.T.: -0.002 min
Response: 6364415
Conc: 40.93 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.146 min
Delta R.T.: -0.006 min
Response: 6161458
Conc: 43.80 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.538 min
Delta R.T.: -0.007 min
Response: 6192803
Conc: 45.98 ug/ml

Instrument :

FID_D

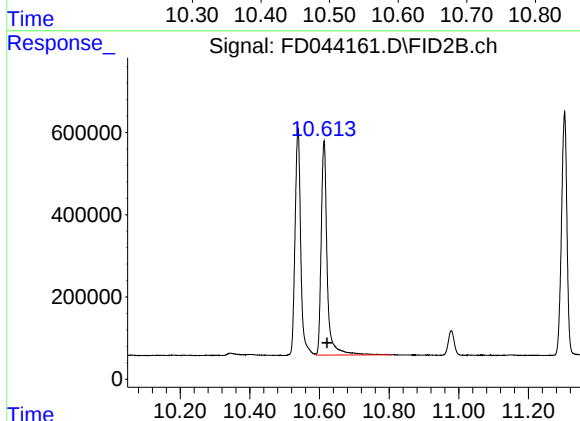
ClientSampleId :

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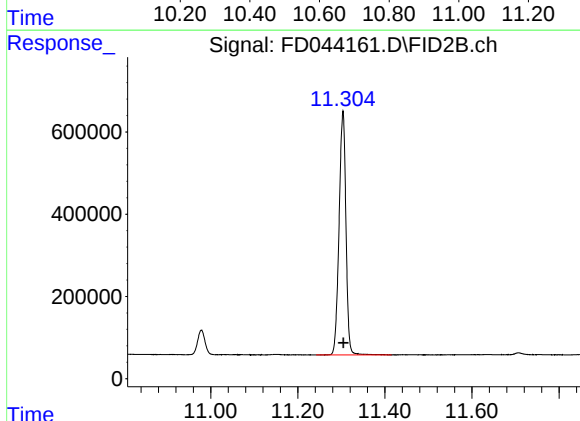
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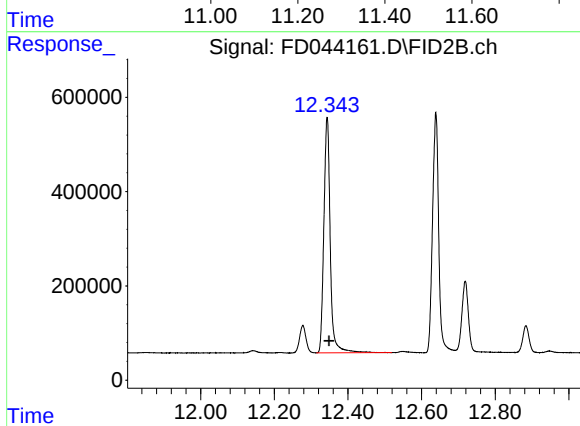
#10 Anthracene (C19.43)

R.T.: 10.613 min
Delta R.T.: -0.009 min
Response: 6237536
Conc: 46.42 ug/ml



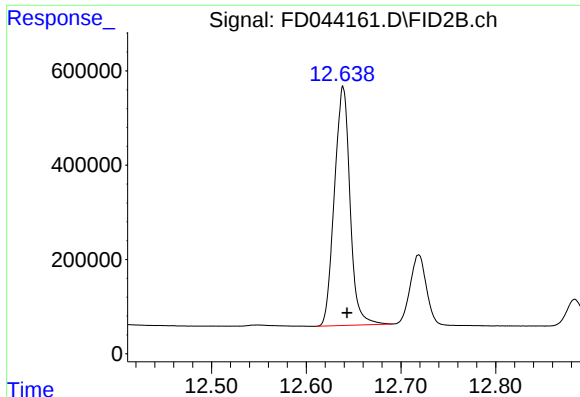
#11 ortho-Terphenyl (SURR)

R.T.: 11.303 min
Delta R.T.: -0.001 min
Response: 6474313
Conc: 38.25 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.343 min
Delta R.T.: -0.005 min
Response: 6011710
Conc: 45.01 ug/ml



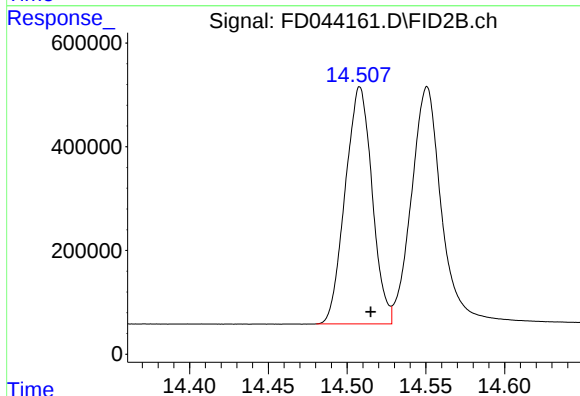
#13 Pyrene (C20.8)

R.T.: 12.639 min
Delta R.T.: -0.004 min
Response: 5803950
Conc: 45.95 ug/ml

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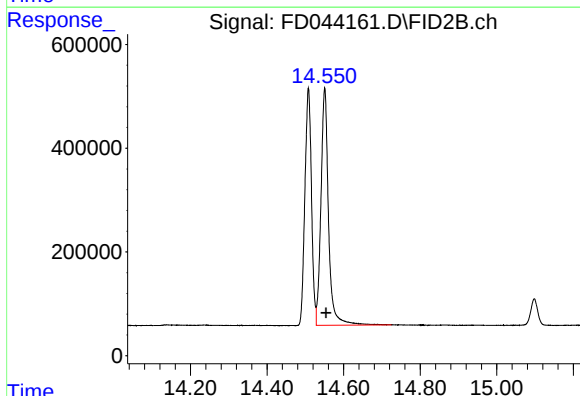
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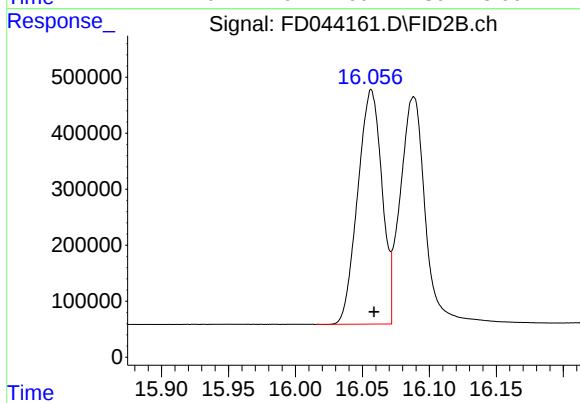
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.508 min
Delta R.T.: -0.007 min
Response: 5424674
Conc: 51.07 ug/ml



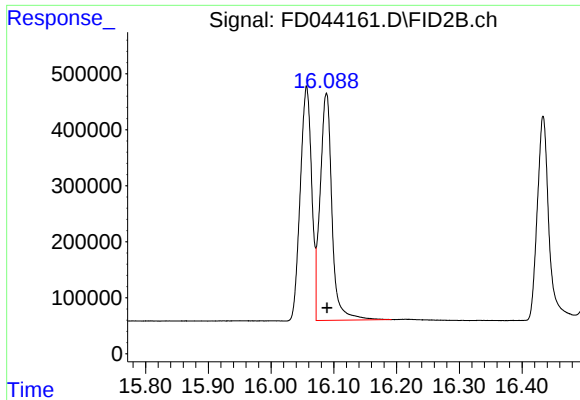
#15 Chrysene (C27.41)

R.T.: 14.551 min
Delta R.T.: -0.004 min
Response: 6278735
Conc: 47.90 ug/ml



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

R.T.: 16.057 min
Delta R.T.: -0.002 min
Response: 5280403
Conc: 47.05 ug/ml



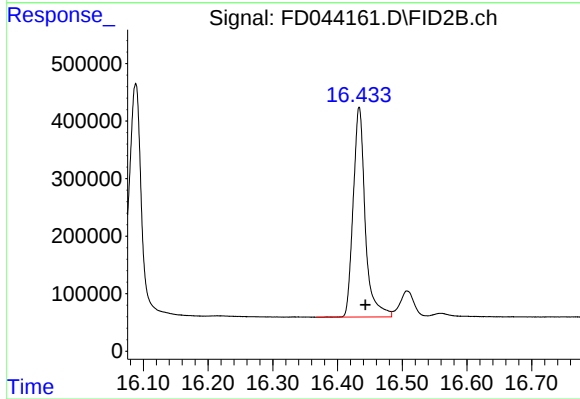
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.088 min
Delta R.T.: -0.001 min
Response: 5324702
Conc: 41.85 ug/ml

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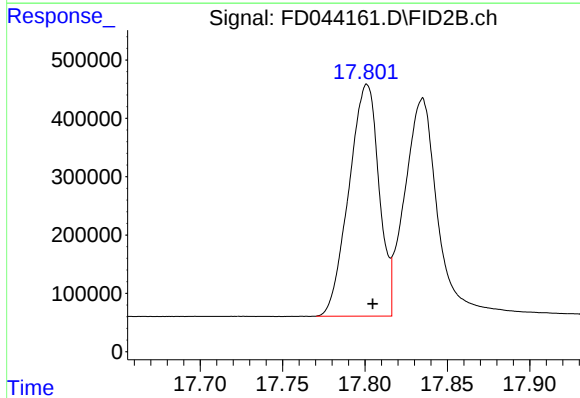
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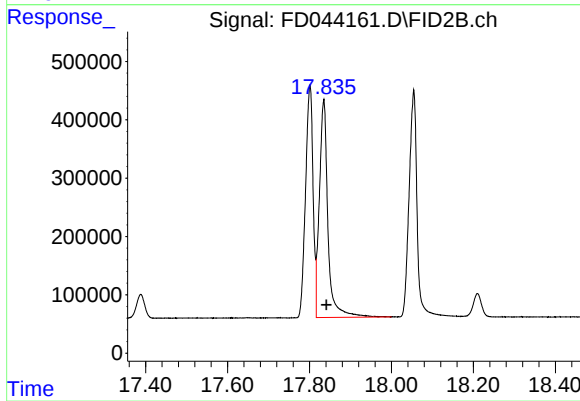
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min
Delta R.T.: -0.010 min
Response: 4718399
Conc: 40.61 ug/ml



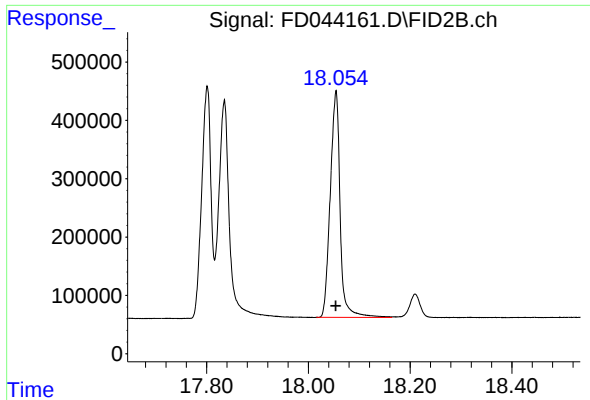
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.801 min
Delta R.T.: -0.004 min
Response: 5047527
Conc: 47.35 ug/ml



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

R.T.: 17.835 min
Delta R.T.: -0.007 min
Response: 5411915
Conc: 43.74 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.000 min
Response: 5240750
Conc: 44.64 ug/ml

Instrument :

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