

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112122AR\
 Data File : FD044461.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2022 11:30
 Operator : YP/AJ
 Sample : PB149204BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149204BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2022
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: autoint1.e
 Quant Time: Nov 22 05:44:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:00:35 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...	7.688	6213397	45.917 ug/ml
Spiked Amount 50.000		Recovery =	91.83%
6) S 2-Fluorobiphenyl (SURR)	8.548	4262336	45.450 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.90%
11) S ortho-Terphenyl (SURR)	11.583	6310990	36.783 ug/ml
Spiked Amount 50.000		Recovery =	73.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	4723774	32.408 ug/ml
2) T Naphthalene (C11.7)	6.031	5444496	34.968 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	5470221	34.624 ug/ml
5) T Acenaphthylene (C15.06)	8.352	5642694	37.419 ug/ml
7) T Acenaphthene (C15.5)	8.647	5793198	37.439 ug/ml
8) T Flouorene (C16.55)	9.425	5892069	38.312 ug/ml
9) T Phenanthrene (C19.36)	10.818	6044189	40.193 ug/ml
10) T Anthracene (C19.43)	10.892	6104312	41.664 ug/ml
12) T Fluoranthene (C21.85)	12.624	6243391	41.082 ug/ml
13) T Pyrene (C20.8)	12.921	6228689	41.901 ug/mlm
14) T Benzo[a]anthracene (C...	14.785	6069165	43.360 ug/mlm
15) T Chrysene (C27.41)	14.828	6535692	44.627 ug/ml
16) T benzo[b]fluoranthene ...	16.328	6115146	42.520 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.362	5639788	39.666 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.705	5337428	38.151 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.064	5705584	41.845 ug/mlm
20) T Dibenz[a,h]anthracene...	18.105	5415757	40.206 ug/ml
21) T Benzo[g,h,i]perylene ...	18.319	5532971	40.531 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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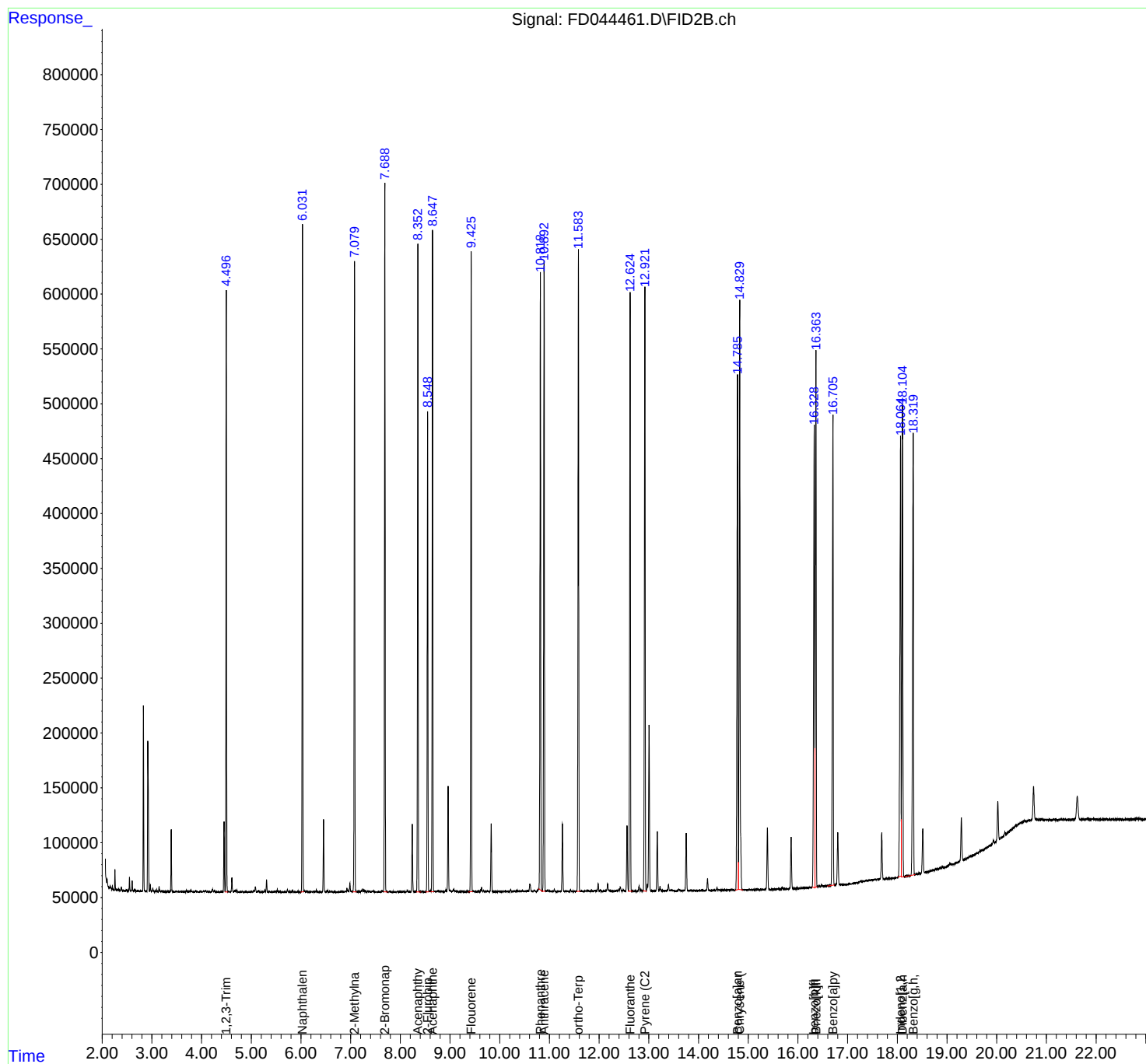
Instrument :
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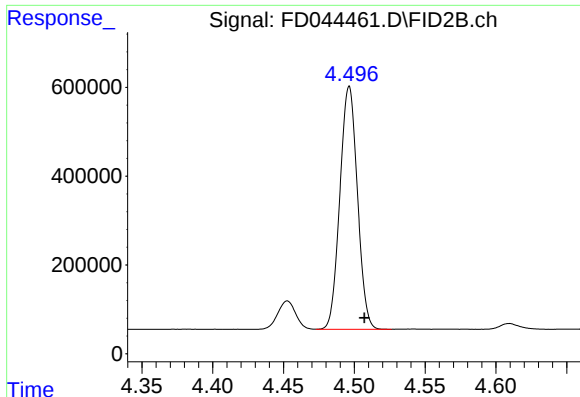
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.496 min
Delta R.T.: -0.011 min
Response: 4723774
Conc: 32.41 ug/ml

Instrument :

FID_D

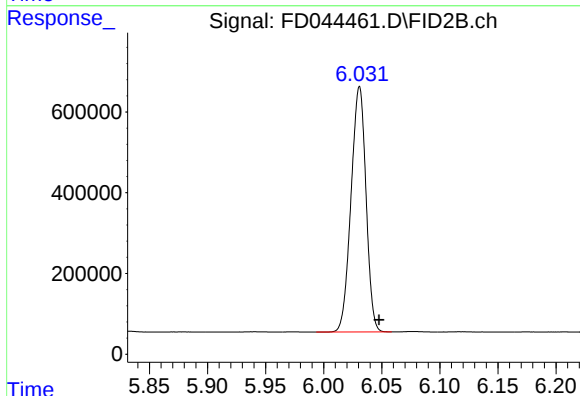
ClientSampleId :

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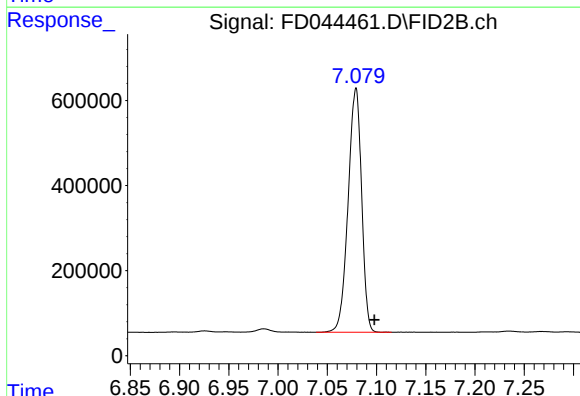
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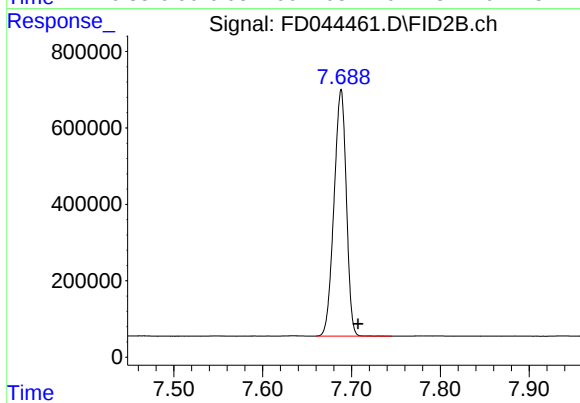
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.017 min
Response: 5444496
Conc: 34.97 ug/ml



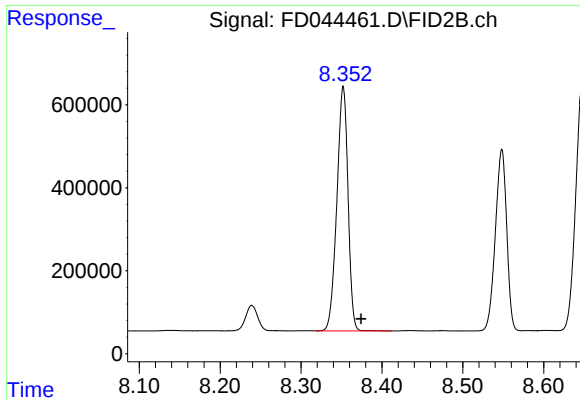
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.019 min
Response: 5470221
Conc: 34.62 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.688 min
Delta R.T.: -0.020 min
Response: 6213397
Conc: 45.92 ug/ml



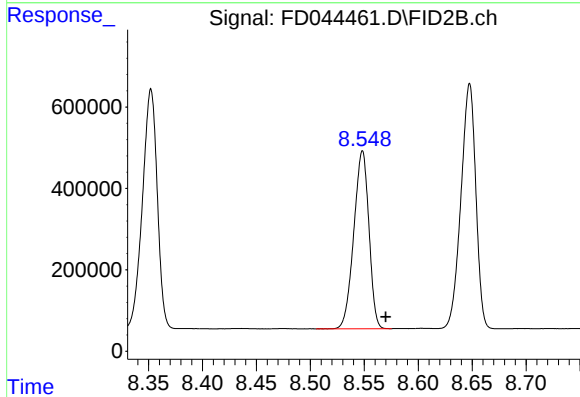
#5 Acenaphthylene (C15.06)

R.T.: 8.352 min
Delta R.T.: -0.022 min
Response: 5642694
Conc: 37.42 ug/ml

Instrument :
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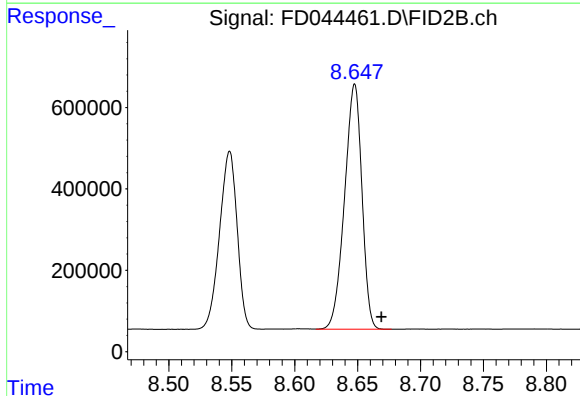
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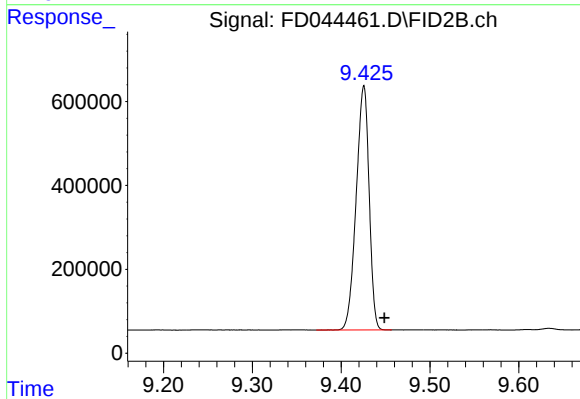
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.548 min
Delta R.T.: -0.022 min
Response: 4262336
Conc: 45.45 ug/ml



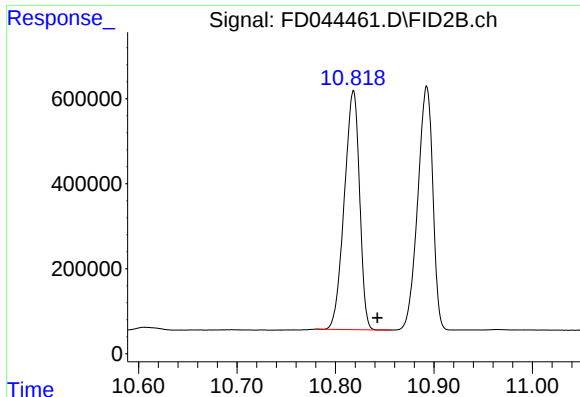
#7 Acenaphthene (C15.5)

R.T.: 8.647 min
Delta R.T.: -0.022 min
Response: 5793198
Conc: 37.44 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.425 min
Delta R.T.: -0.024 min
Response: 5892069
Conc: 38.31 ug/ml



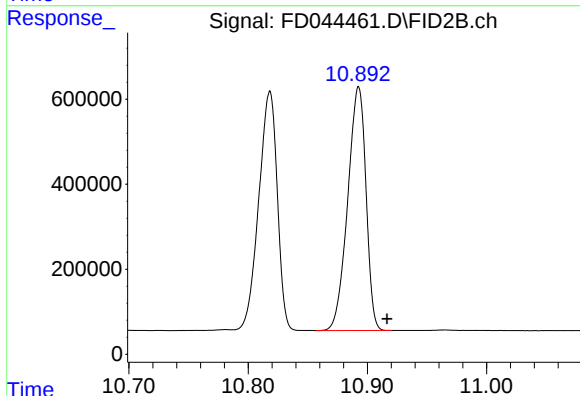
#9 Phenanthrene (C19.36)

R.T.: 10.818 min
Delta R.T.: -0.025 min
Response: 6044189
Conc: 40.19 ug/ml

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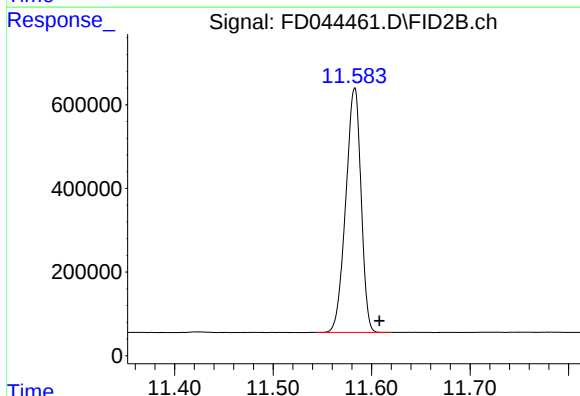
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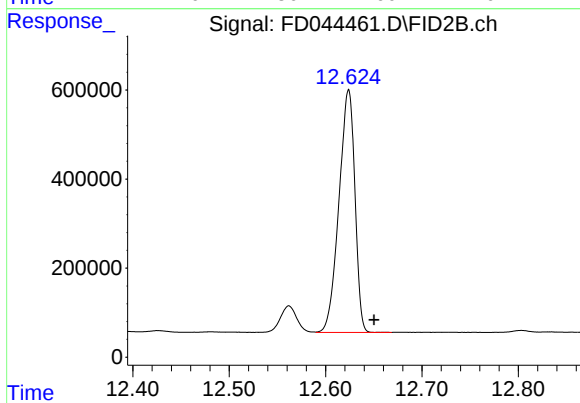
#10 Anthracene (C19.43)

R.T.: 10.892 min
Delta R.T.: -0.024 min
Response: 6104312
Conc: 41.66 ug/ml



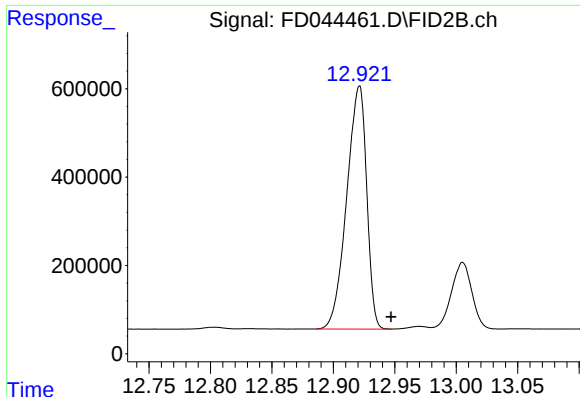
#11 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: -0.025 min
Response: 6310990
Conc: 36.78 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.624 min
Delta R.T.: -0.027 min
Response: 6243391
Conc: 41.08 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.921 min
Delta R.T.: -0.026 min
Response: 6228689
Conc: 41.90 ug/ml

Instrument :

FID_D

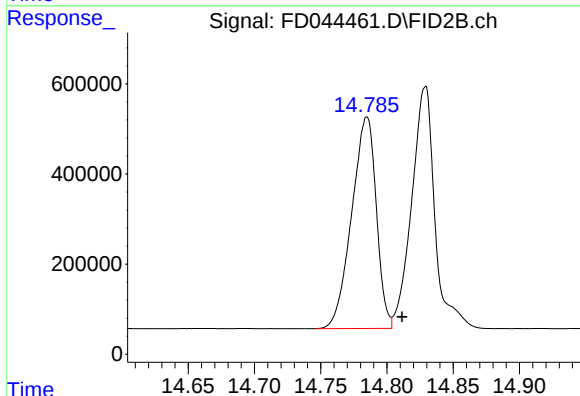
ClientSampleId :

PB149204BS

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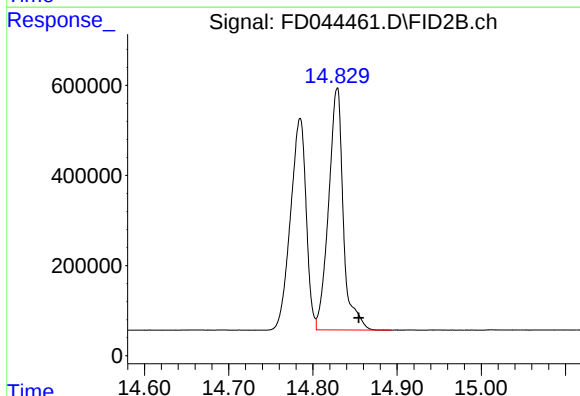
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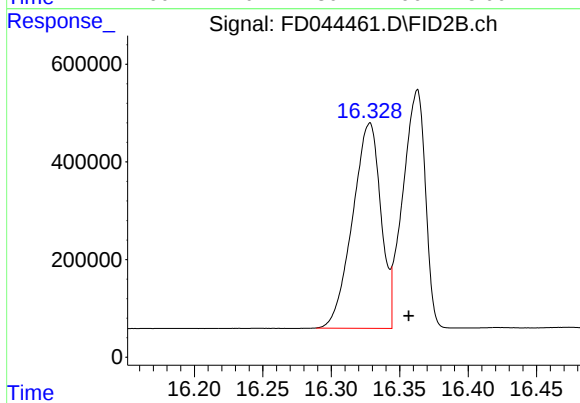
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.785 min
Delta R.T.: -0.027 min
Response: 6069165
Conc: 43.36 ug/ml m



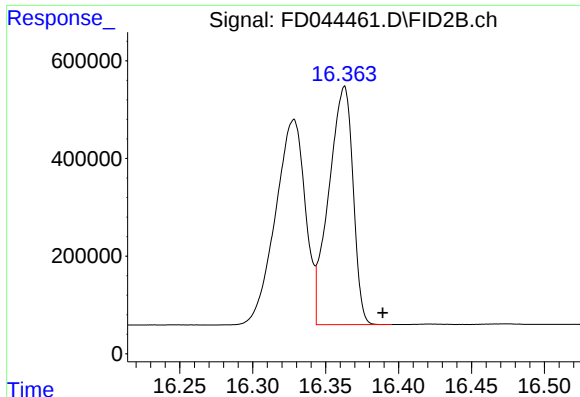
#15 Chrysene (C27.41)

R.T.: 14.828 min
Delta R.T.: -0.026 min
Response: 6535692
Conc: 44.63 ug/ml



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

R.T.: 16.328 min
Delta R.T.: -0.028 min
Response: 6115146
Conc: 42.52 ug/ml m



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

R.T.: 16.362 min
Delta R.T.: -0.027 min
Response: 5639788
Conc: 39.67 ug/ml

Instrument :

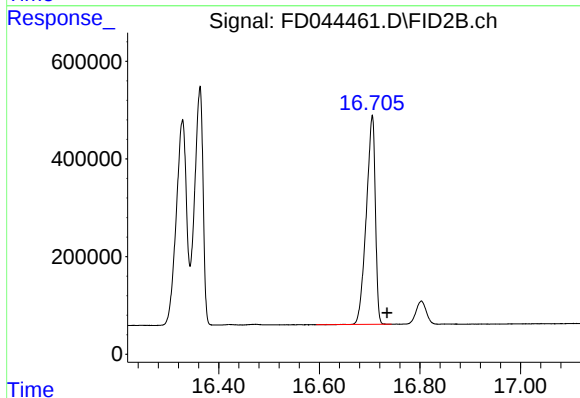
FID_D

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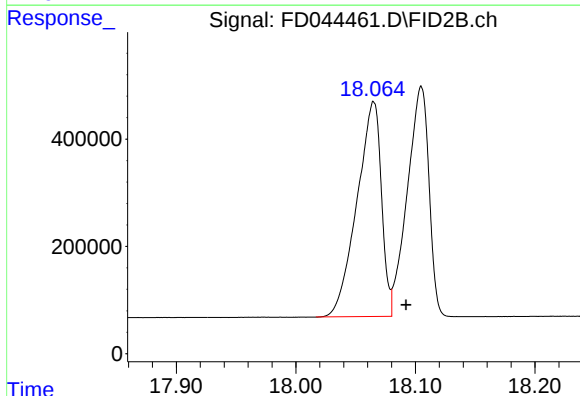
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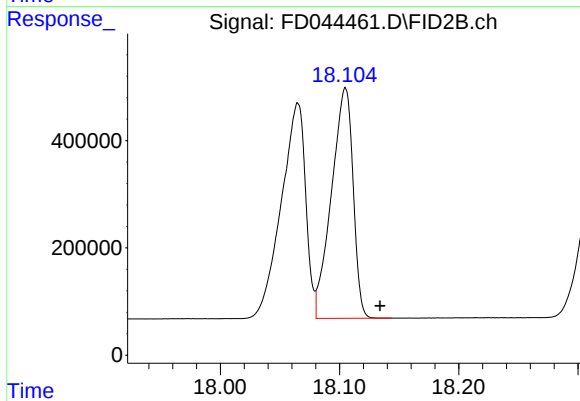
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.705 min
Delta R.T.: -0.030 min
Response: 5337428
Conc: 38.15 ug/ml



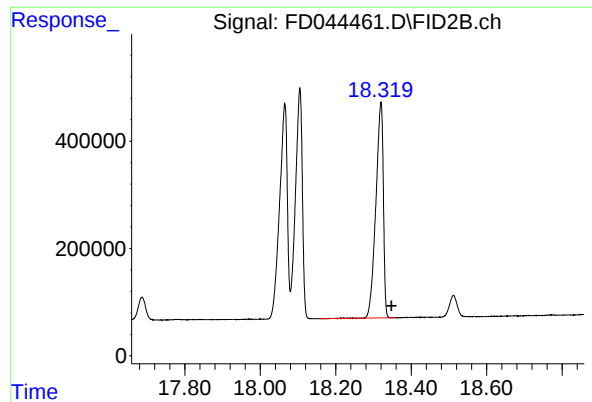
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.064 min
Delta R.T.: -0.028 min
Response: 5705584
Conc: 41.84 ug/ml m



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

R.T.: 18.105 min
Delta R.T.: -0.030 min
Response: 5415757
Conc: 40.21 ug/ml



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

R.T.: 18.319 min
Delta R.T.: -0.029 min
Response: 5532971
Conc: 40.53 ug/ml

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