

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044565.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 06:31
 Operator : YP/AJ
 Sample : N5731-01MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LEFT-SIDEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2022
 Supervised By :Ankita Jodhani 12/02/2022

Integration File: autoint1.e
 Quant Time: Dec 02 09:38:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.681	6079576	46.845 ug/ml
Spiked Amount 50.000		Recovery =	93.69%
6) S 2-Fluorobiphenyl (SURR)	8.539	3859805	43.704 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.41%
11) S ortho-Terphenyl (SURR)	11.568	5140377	31.585 ug/ml
Spiked Amount 50.000		Recovery =	63.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.495	5129963	35.948 ug/ml
2) T Naphthalene (C11.7)	6.026	5954277	39.602 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	5965912	39.486 ug/ml
5) T Acenaphthylene (C15.06)	8.344	6244279	44.918 ug/ml
7) T Acenaphthene (C15.5)	8.639	6391895	43.555 ug/ml
8) T Flouorene (C16.55)	9.416	6448203	44.721 ug/ml
9) T Phenanthrene (C19.36)	10.806	6366630	44.646 ug/ml
10) T Anthracene (C19.43)	10.880	6246982	44.964 ug/ml
12) T Fluoranthene (C21.85)	12.608	6295835	44.163 ug/ml
13) T Pyrene (C20.8)	12.904	6238422	44.826 ug/ml
14) T Benzo[a]anthracene (C...	14.765	5868265	45.353 ug/ml
15) T Chrysene (C27.41)	14.808	6102649	45.267 ug/ml
16) T benzo[b]fluoranthene ...	16.306	5963081	45.305 ug/ml
17) T Bnezo[k]fluoranthene ...	16.340	5409587	41.542 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	5201313	40.246 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.039	5814061	45.619 ug/mlm
20) T Dibenz[a,h]anthracene...	18.079	5163075	41.035 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	5671169	44.093 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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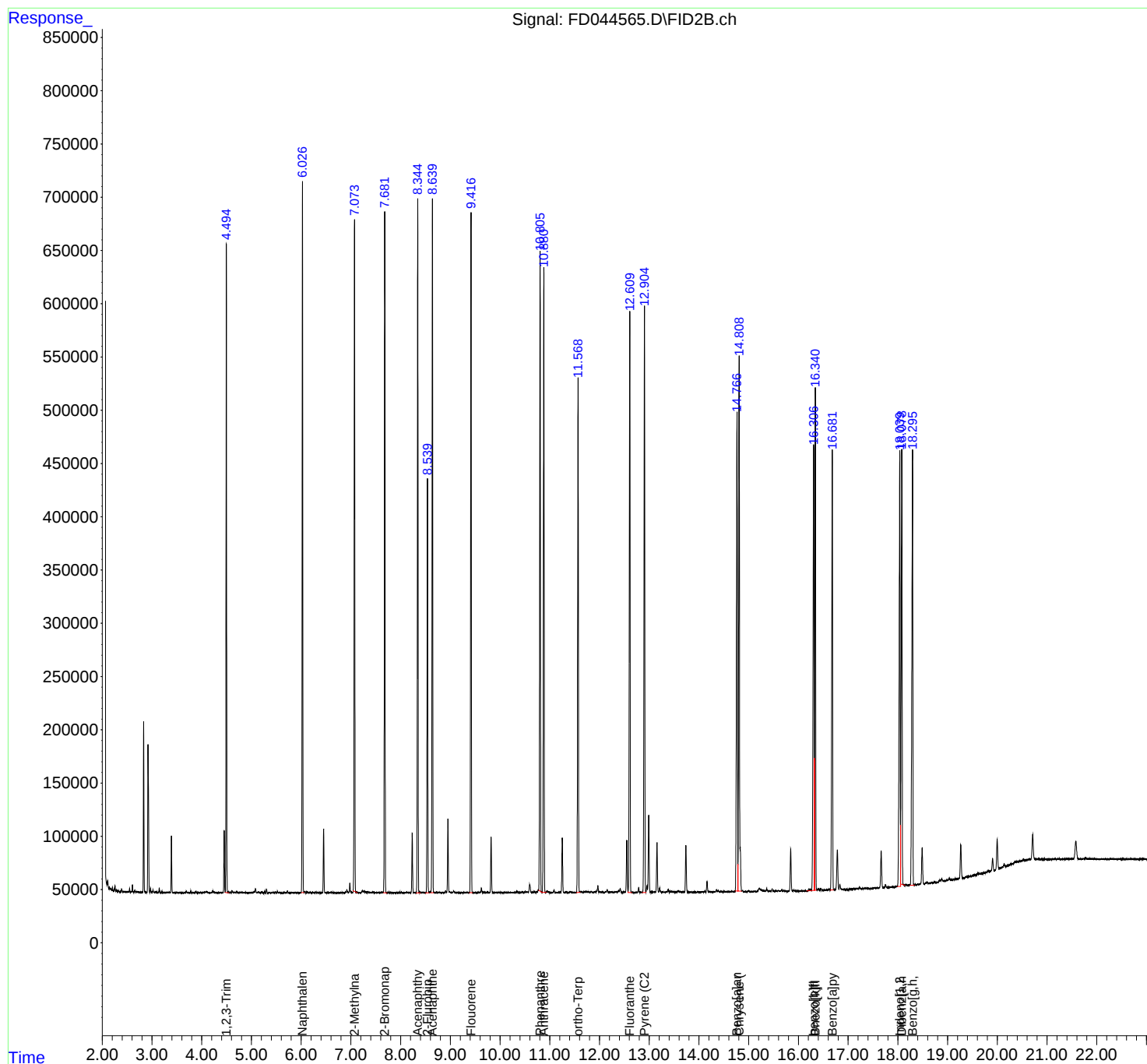
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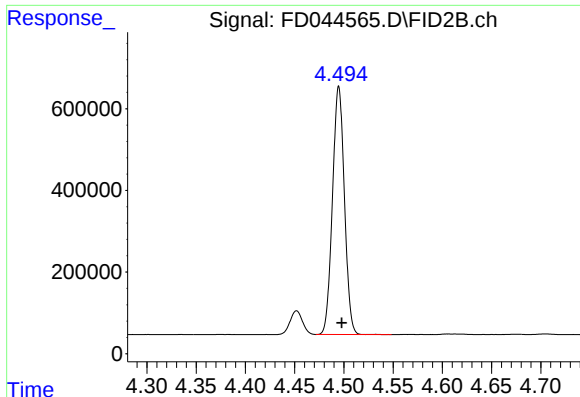
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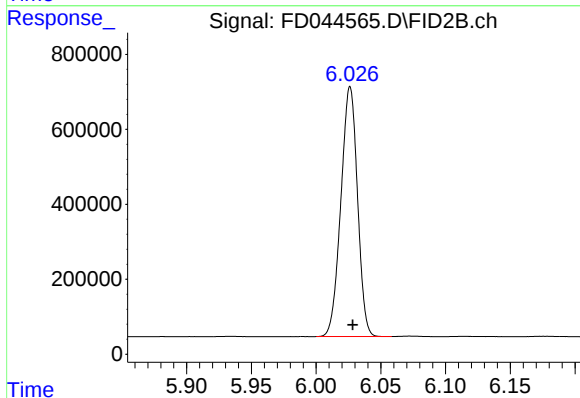
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.495 min
Delta R.T.: -0.003 min
Response: 5129963
Conc: 35.95 ug/ml

Instrument :
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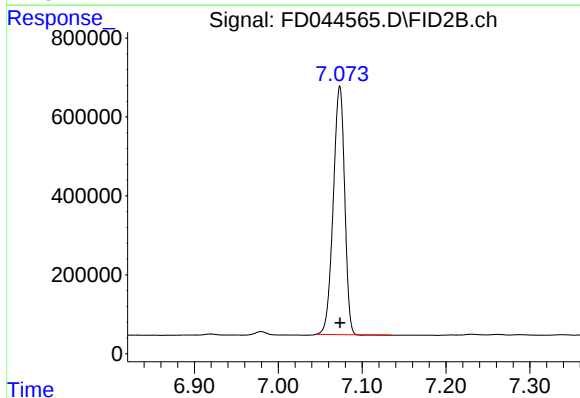
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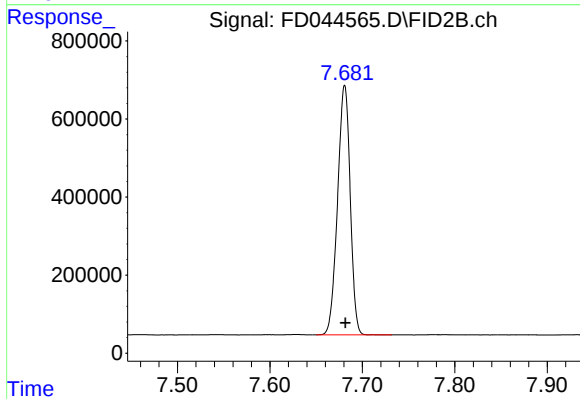
#2 Naphthalene (C11.7)

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 5954277
Conc: 39.60 ug/ml



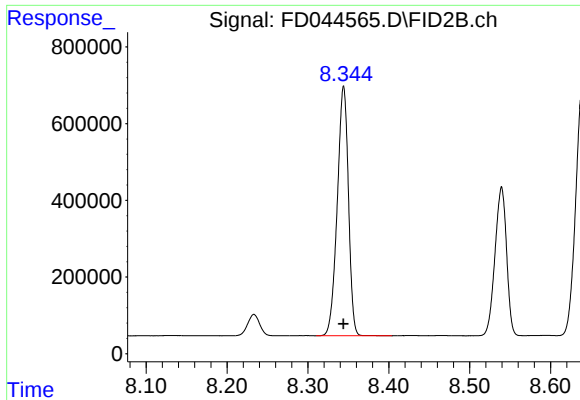
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 5965912
Conc: 39.49 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 6079576
Conc: 46.85 ug/ml



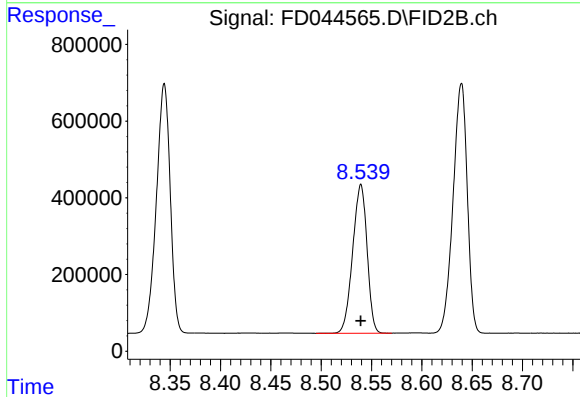
#5 Acenaphthylene (C15.06)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 6244279
Conc: 44.92 ug/ml

Instrument :
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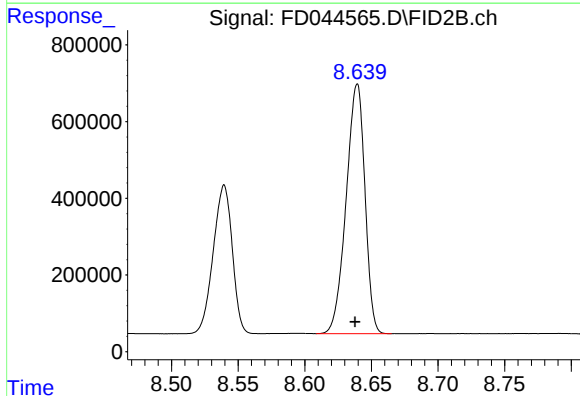
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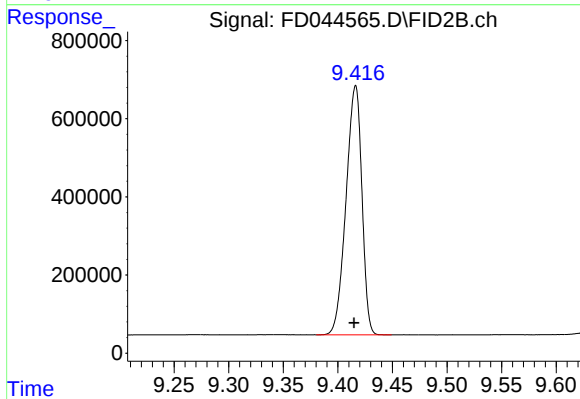
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 3859805
Conc: 43.70 ug/ml



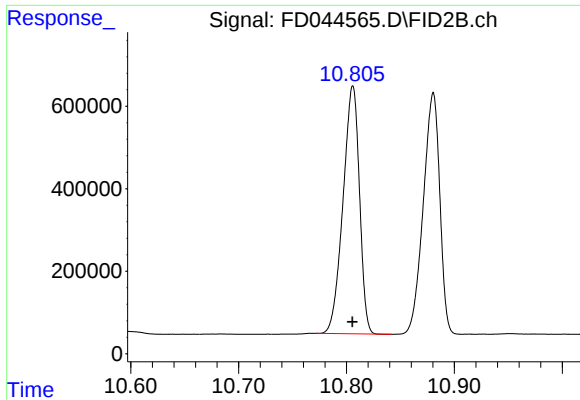
#7 Acenaphthene (C15.5)

R.T.: 8.639 min
Delta R.T.: 0.001 min
Response: 6391895
Conc: 43.55 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.416 min
Delta R.T.: 0.000 min
Response: 6448203
Conc: 44.72 ug/ml



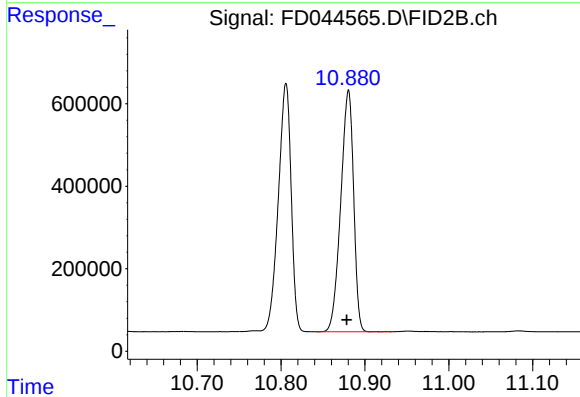
#9 Phenanthrene (C19.36)

R.T.: 10.806 min
Delta R.T.: 0.000 min
Response: 6366630
Conc: 44.65 ug/ml

Instrument :
FID_D
ClientSampleId :
LEFT-SIDEMS

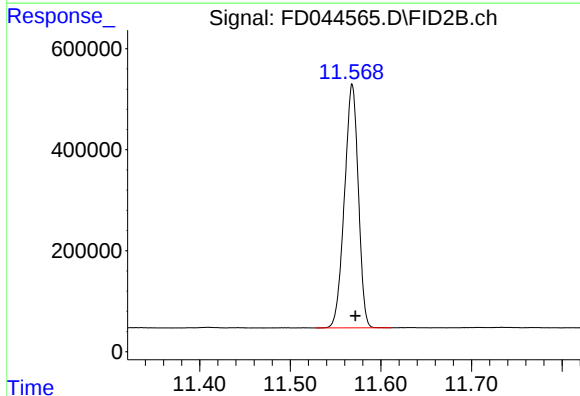
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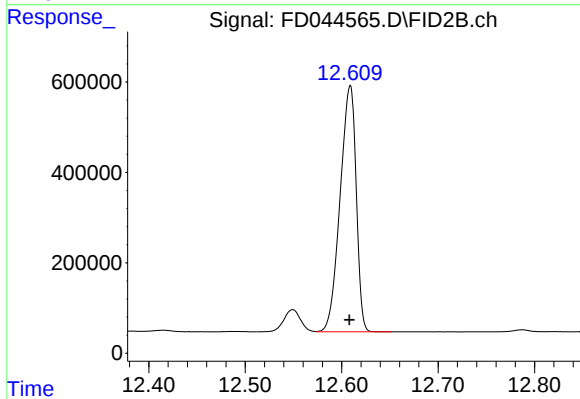
#10 Anthracene (C19.43)

R.T.: 10.880 min
Delta R.T.: 0.002 min
Response: 6246982
Conc: 44.96 ug/ml



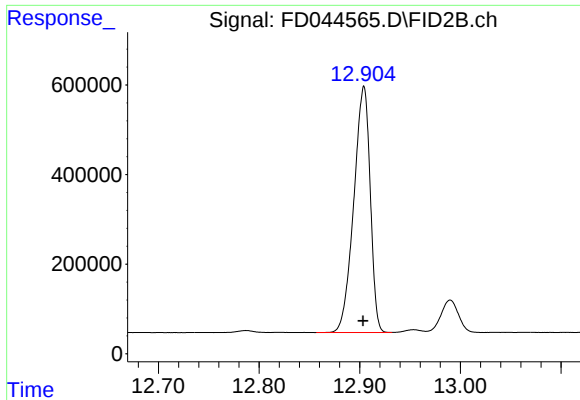
#11 ortho-Terphenyl (SURR)

R.T.: 11.568 min
Delta R.T.: -0.003 min
Response: 5140377
Conc: 31.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.608 min
Delta R.T.: 0.000 min
Response: 6295835
Conc: 44.16 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 6238422
Conc: 44.83 ug/ml

Instrument :

FID_D

ClientSampleId :

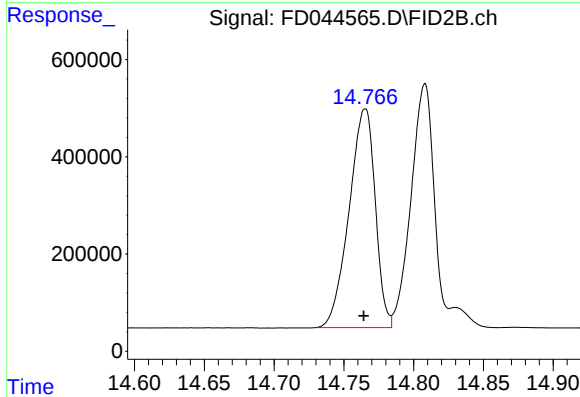
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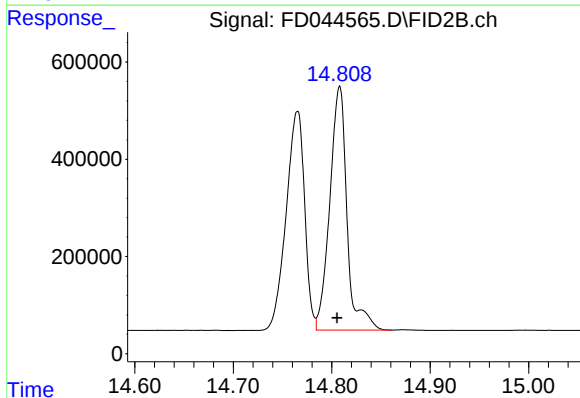
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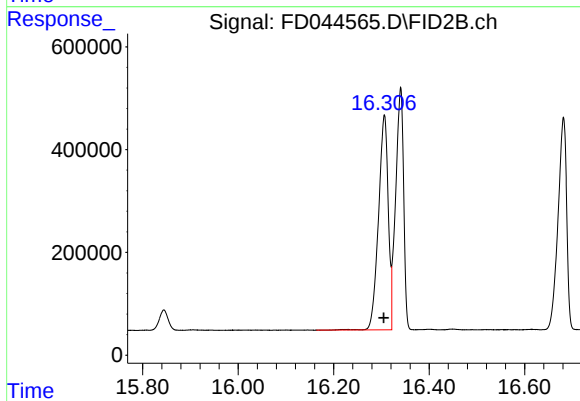
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: 0.000 min
Response: 5868265
Conc: 45.35 ug/ml



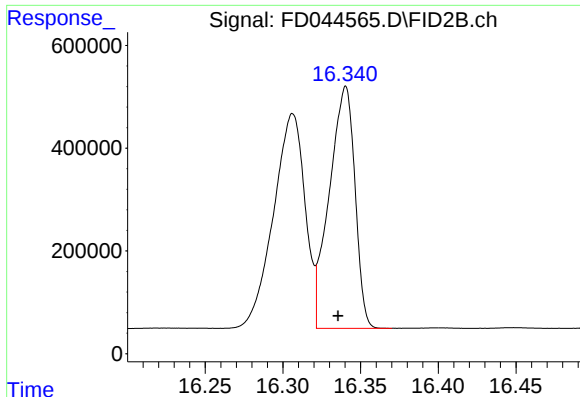
#15 Chrysene (C27.41)

R.T.: 14.808 min
Delta R.T.: 0.002 min
Response: 6102649
Conc: 45.27 ug/ml



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

R.T.: 16.306 min
Delta R.T.: 0.001 min
Response: 5963081
Conc: 45.31 ug/ml



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

R.T.: 16.340 min
Delta R.T.: 0.004 min
Response: 5409587
Conc: 41.54 ug/ml

Instrument :

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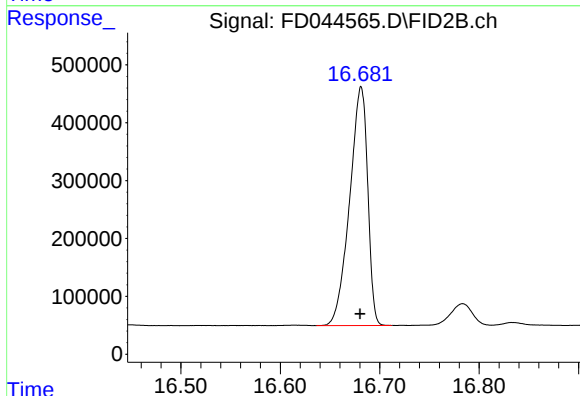
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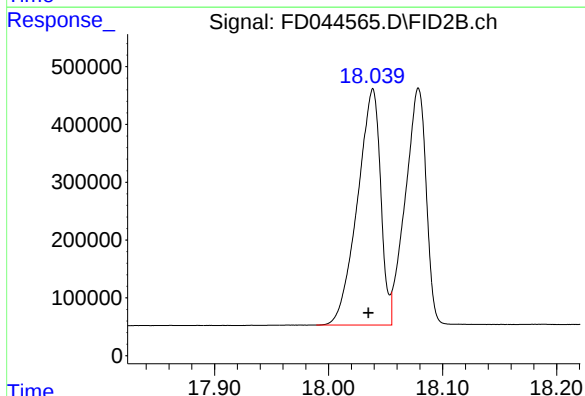
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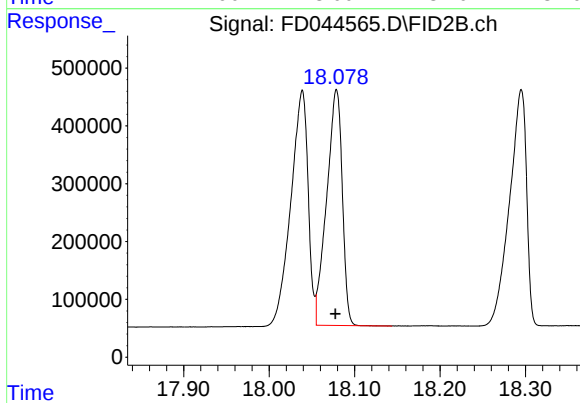
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: 0.000 min
Response: 5201313
Conc: 40.25 ug/ml m



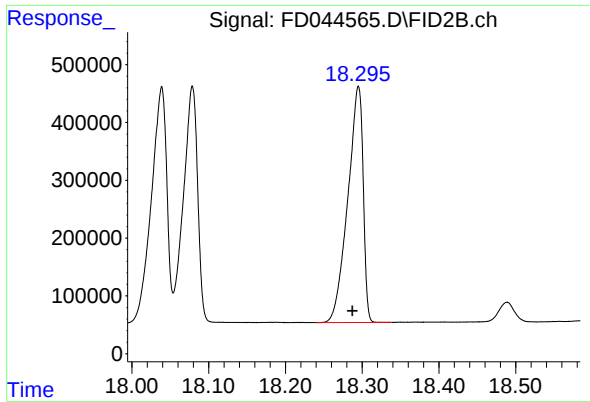
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.039 min
Delta R.T.: 0.004 min
Response: 5814061
Conc: 45.62 ug/ml m



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

R.T.: 18.079 min
Delta R.T.: 0.001 min
Response: 5163075
Conc: 41.03 ug/ml



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

R.T.: 18.295 min
Delta R.T.: 0.007 min
Response: 5671169
Conc: 44.09 ug/ml

Instrument :

FID_D

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