

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044566.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 07:08
 Operator : YP/AJ
 Sample : N5731-01MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LEFT-SIDEMSD

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 09:38:45 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	6111440	47.091 ug/ml
Spiked Amount 50.000		Recovery =	94.18%
6) S 2-Fluorobiphenyl (SURR)	8.539	3889591	44.041 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.08%
11) S ortho-Terphenyl (SURR)	11.569	5181587	31.839 ug/ml
Spiked Amount 50.000		Recovery =	63.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.495	5134602	35.981 ug/ml
2) T Naphthalene (C11.7)	6.027	5985545	39.810 ug/ml
3) T 2-Methylnaphthalene (...)	7.074	6001485	39.721 ug/ml
5) T Acenaphthylene (C15.06)	8.344	6282476	45.192 ug/ml
7) T Acenaphthene (C15.5)	8.639	6430902	43.821 ug/ml
8) T Flouorene (C16.55)	9.416	6498143	45.067 ug/ml
9) T Phenanthrene (C19.36)	10.806	6414007	44.978 ug/ml
10) T Anthracene (C19.43)	10.880	6307900	45.402 ug/ml
12) T Fluoranthene (C21.85)	12.608	6343945	44.501 ug/ml
13) T Pyrene (C20.8)	12.904	6276096	45.097 ug/ml
14) T Benzo[a]anthracene (C...	14.764	5919832	45.752 ug/ml
15) T Chrysene (C27.41)	14.808	6147079	45.596 ug/ml
16) T benzo[b]fluoranthene ...	16.305	6005240	45.626 ug/ml
17) T Bnezo[k]fluoranthene ...	16.339	5461001	41.937 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	5243860	40.575 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.039	5826584	45.717 ug/mlm
20) T Dibenz[a,h]anthracene...	18.078	5321950	42.297 ug/ml
21) T Benzo[g,h,i]perylene ...	18.294	5726883	44.526 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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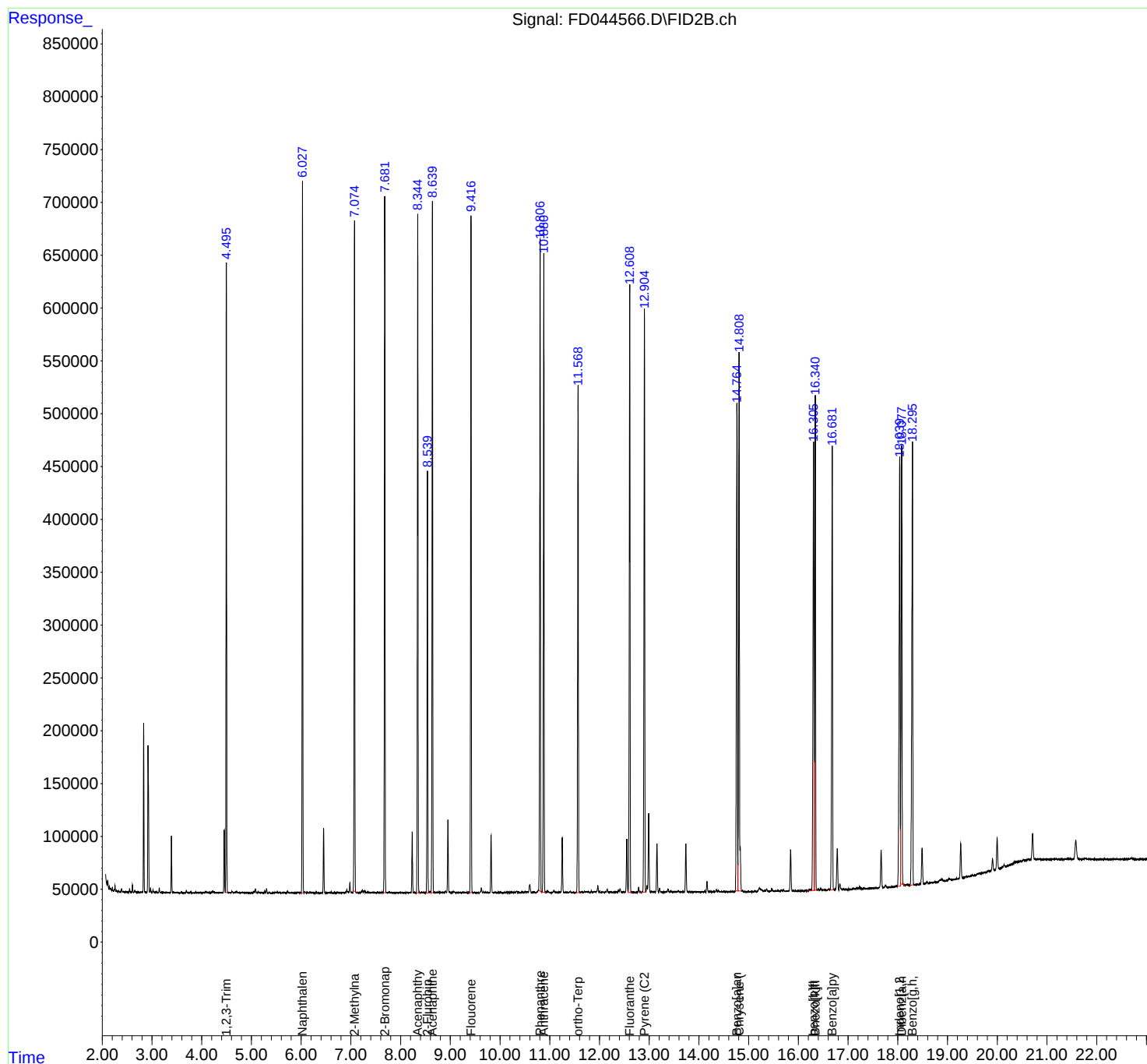
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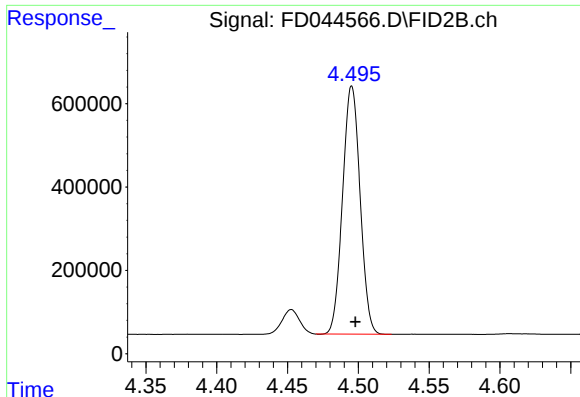
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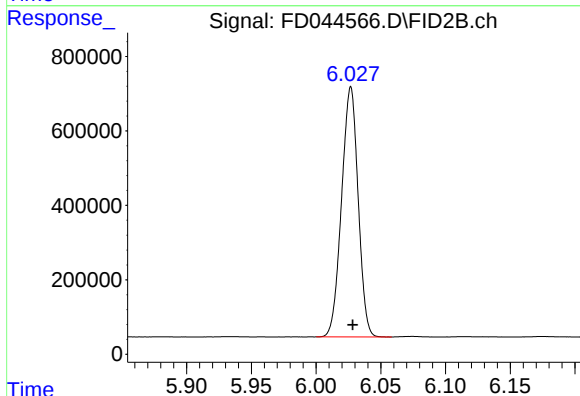
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.495 min
Delta R.T.: -0.003 min
Response: 5134602
Conc: 35.98 ug/ml

Instrument :
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ClientSampleId :
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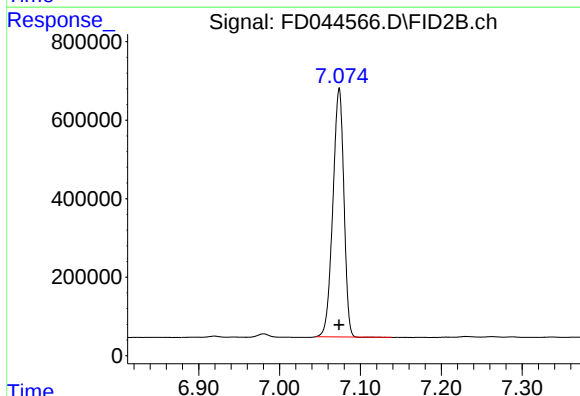
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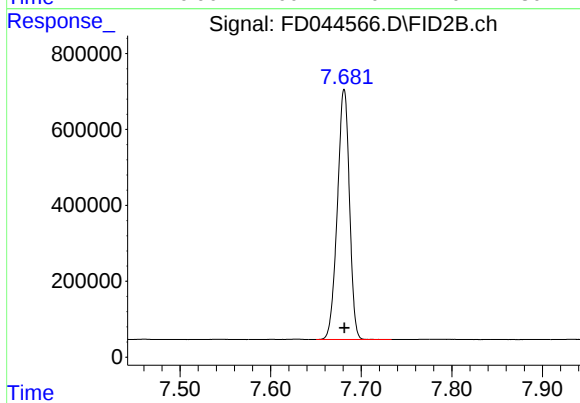
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 5985545
Conc: 39.81 ug/ml



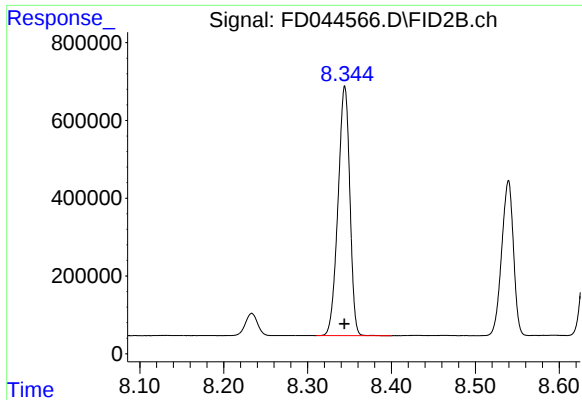
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 6001485
Conc: 39.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 6111440
Conc: 47.09 ug/ml



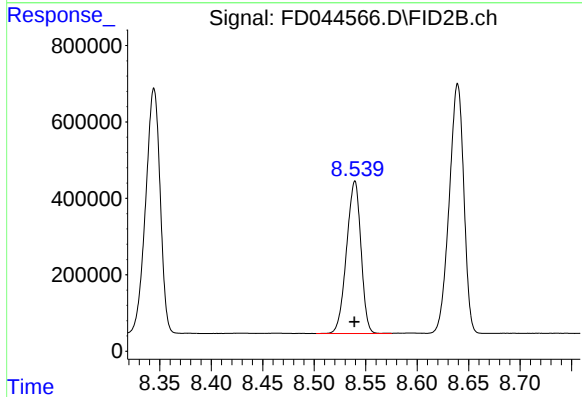
#5 Acenaphthylene (C15.06)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 6282476
Conc: 45.19 ug/ml

Instrument :
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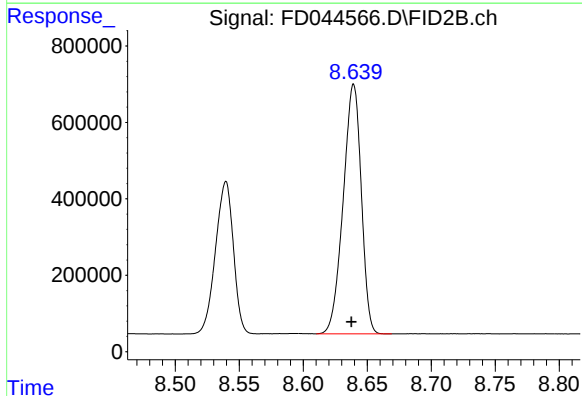
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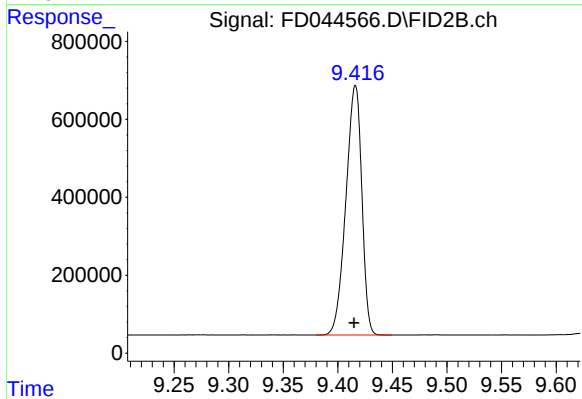
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 3889591
Conc: 44.04 ug/ml



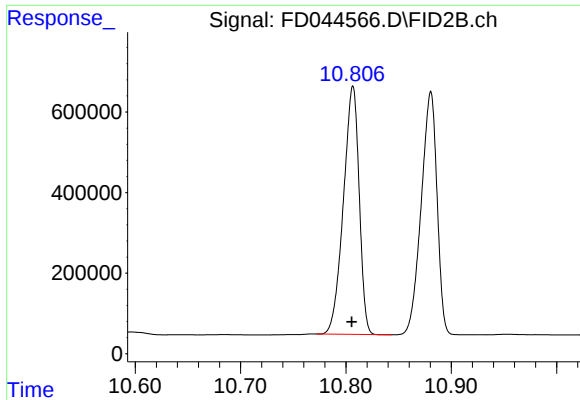
#7 Acenaphthene (C15.5)

R.T.: 8.639 min
Delta R.T.: 0.002 min
Response: 6430902
Conc: 43.82 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.416 min
Delta R.T.: 0.000 min
Response: 6498143
Conc: 45.07 ug/ml



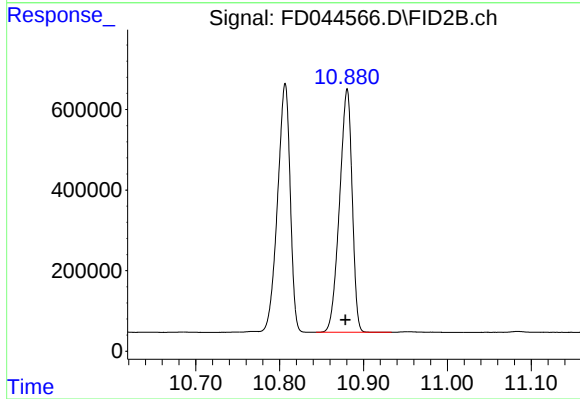
#9 Phenanthrene (C19.36)

R.T.: 10.806 min
Delta R.T.: 0.000 min
Response: 6414007
Conc: 44.98 ug/ml

Instrument :
FID_D
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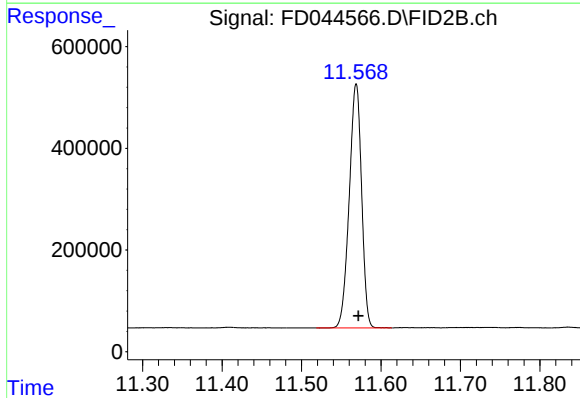
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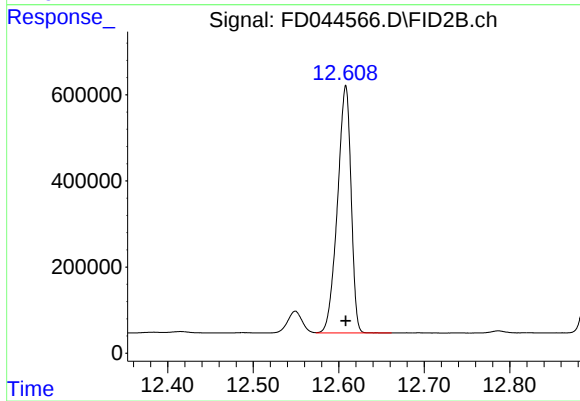
#10 Anthracene (C19.43)

R.T.: 10.880 min
Delta R.T.: 0.002 min
Response: 6307900
Conc: 45.40 ug/ml



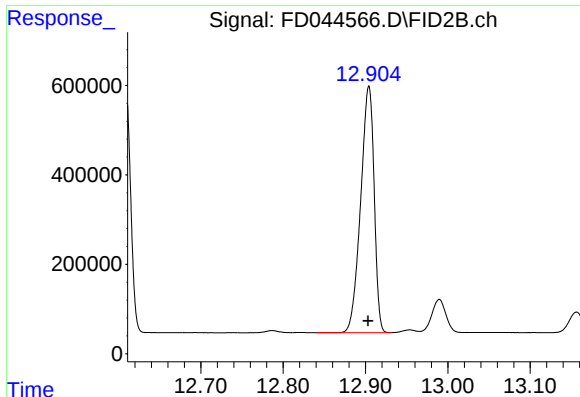
#11 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: -0.003 min
Response: 5181587
Conc: 31.84 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.608 min
Delta R.T.: 0.000 min
Response: 6343945
Conc: 44.50 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 6276096
Conc: 45.10 ug/ml

Instrument :

FID_D

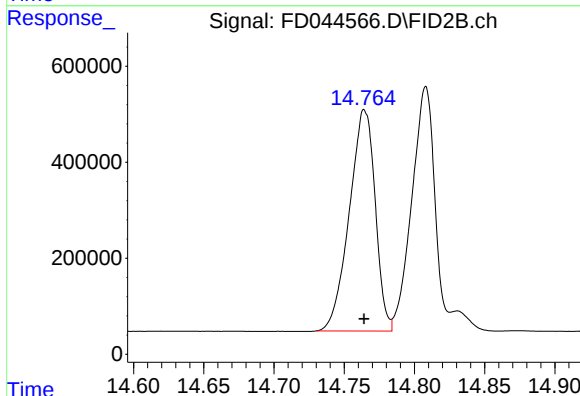
ClientSampleId :

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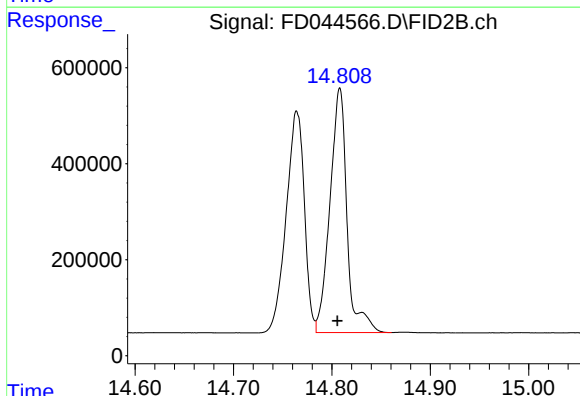
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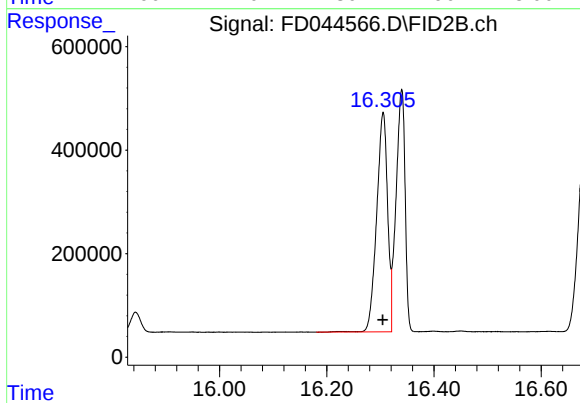
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.764 min
Delta R.T.: 0.000 min
Response: 5919832
Conc: 45.75 ug/ml



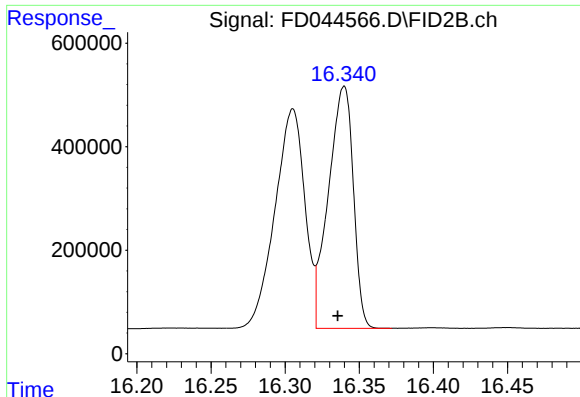
#15 Chrysene (C27.41)

R.T.: 14.808 min
Delta R.T.: 0.002 min
Response: 6147079
Conc: 45.60 ug/ml



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

R.T.: 16.305 min
Delta R.T.: 0.000 min
Response: 6005240
Conc: 45.63 ug/ml



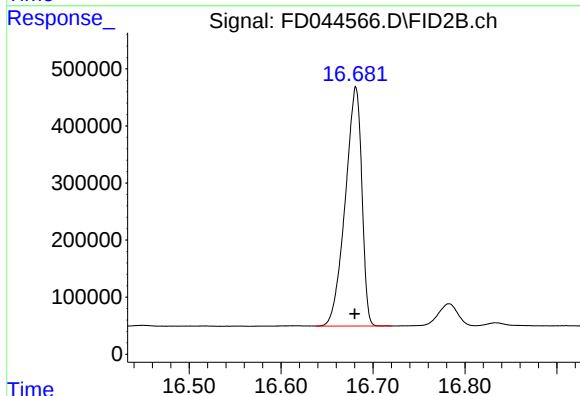
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.339 min
Delta R.T.: 0.004 min
Response: 5461001
Conc: 41.94 ug/ml

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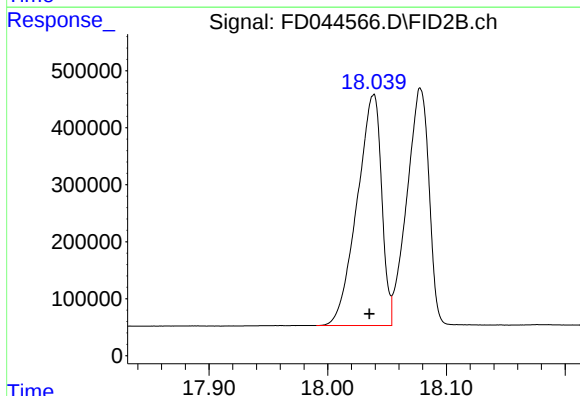
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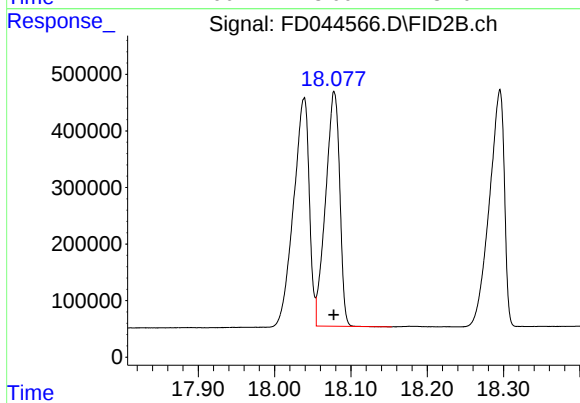
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: 0.000 min
Response: 5243860
Conc: 40.58 ug/ml m



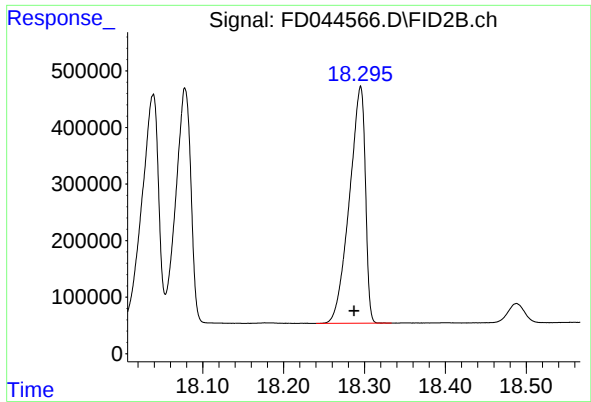
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.039 min
Delta R.T.: 0.004 min
Response: 5826584
Conc: 45.72 ug/ml m



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

R.T.: 18.078 min
Delta R.T.: 0.000 min
Response: 5321950
Conc: 42.30 ug/ml



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

R.T.: 18.294 min
Delta R.T.: 0.007 min
Response: 5726883
Conc: 44.53 ug/ml

Instrument :

FID_D

ClientSampleId :

LEFT-SIDEMSD

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