

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101422AR\
 Data File : FD044140.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2022 00:18
 Operator : YP/AJ
 Sample : N5115-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WASTEMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/17/2022

Supervised By :Ankita Jodhani 10/17/2022

Integration File: autoint1.e

Quant Time: Oct 15 15:38:10 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...	7.415	5855504	47.162 ug/ml
Spiked Amount 50.000		Recovery =	94.32%
6) S 2-Fluorobiphenyl (SURR)	8.270	2631810	34.952 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.90%
11) S ortho-Terphenyl (SURR)	11.302	5158117	30.474 ug/ml
Spiked Amount 50.000		Recovery =	60.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	3269970	23.167 ug/mlm
2) T Naphthalene (C11.7)	5.756	4149824	30.270 ug/ml
3) T 2-Methylnaphthalene (...)	6.801	4391113	30.976 ug/ml
5) T Acenaphthylene (C15.06)	8.071	5020642	35.789 ug/ml
7) T Acenaphthene (C15.5)	8.364	5240243	33.698 ug/ml
8) T Flouorene (C16.55)	9.145	5503334	39.119 ug/ml
9) T Phenanthrene (C19.36)	10.536	5925626	44.001 ug/ml
10) T Anthracene (C19.43)	10.612	5890710	43.840 ug/ml
12) T Fluoranthene (C21.85)	12.343	6363279	47.647 ug/ml
13) T Pyrene (C20.8)	12.637	6114304	48.407 ug/ml
14) T Benzo[a]anthracene (C...	14.507	5582637	52.559 ug/ml
15) T Chrysene (C27.41)	14.550	5882481	44.874 ug/ml
16) T benzo[b]fluoranthene ...	16.057	5489478	48.914 ug/ml
17) T Bnezo[k]fluoranthene ...	16.088	5331808	41.907 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.433	4913379	42.284 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.800	5145315	48.264 ug/ml
20) T Dibenz[a,h]anthracene...	17.834	5193382	41.978 ug/ml
21) T Benzo[g,h,i]perylene ...	18.054	5251100	44.729 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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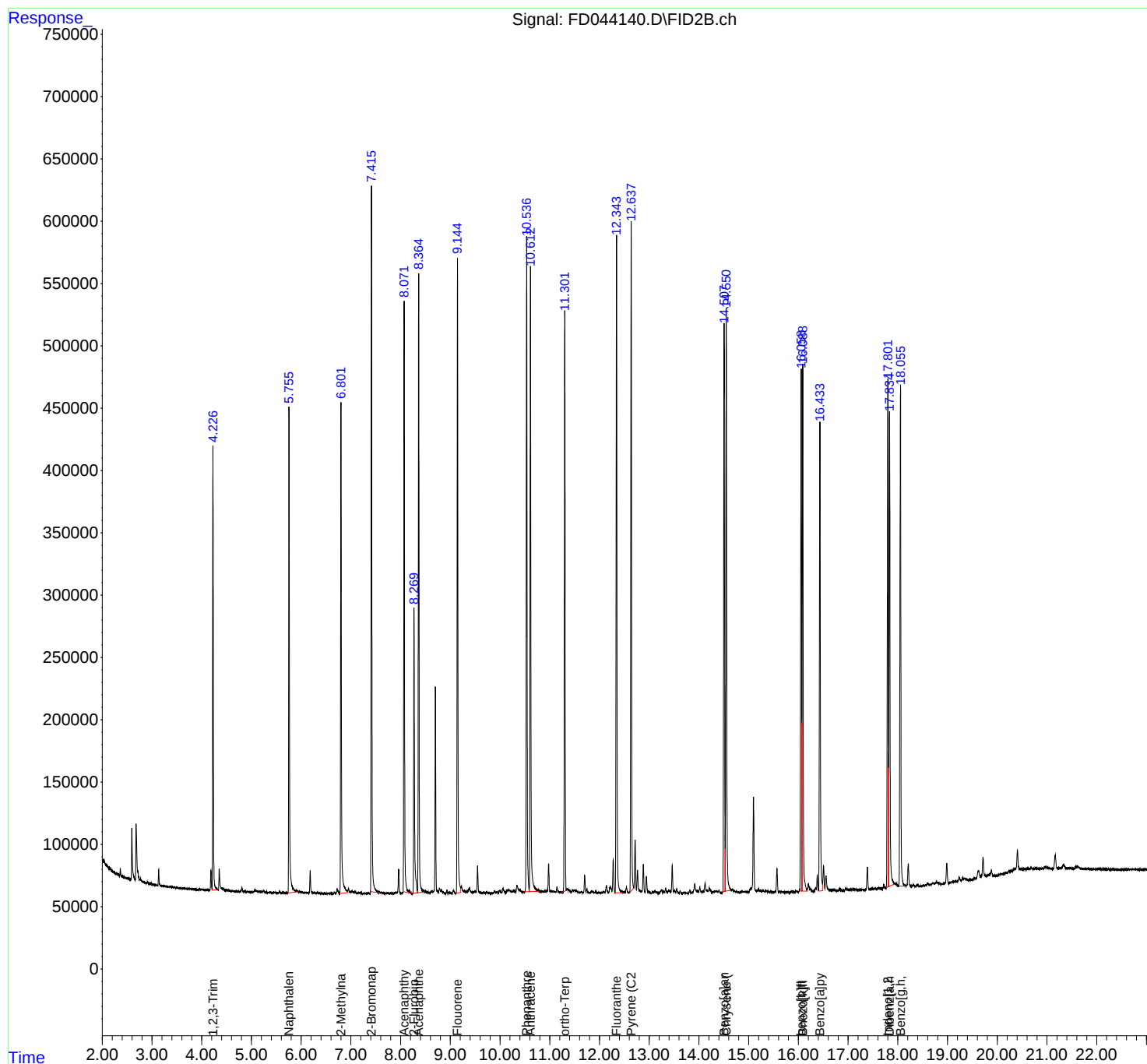
Instrument :
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 WASTEMSD

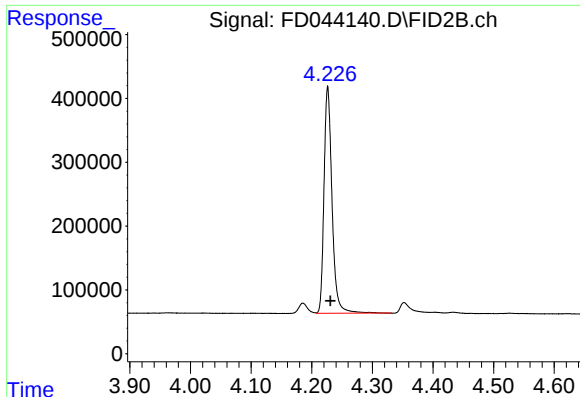
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 Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.226 min
Delta R.T.: -0.005 min
Response: 3269970
Conc: 23.17 ug/ml

Instrument :

FID_D

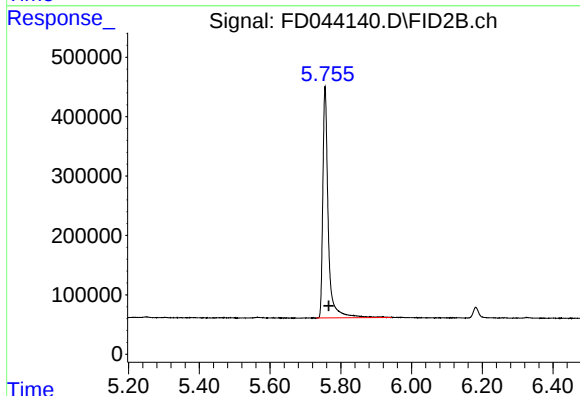
ClientSampleId :

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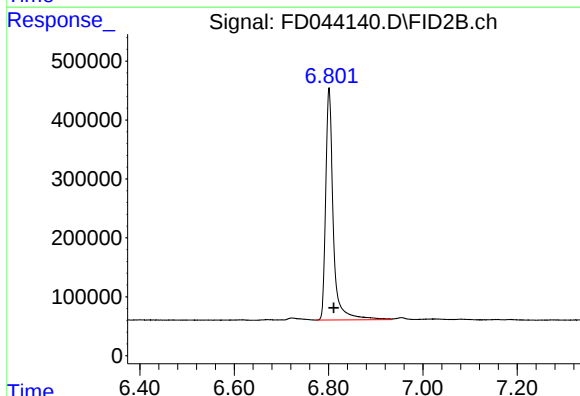
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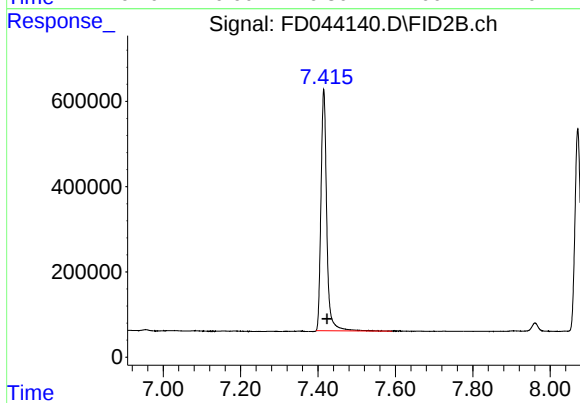
#2 Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.010 min
Response: 4149824
Conc: 30.27 ug/ml



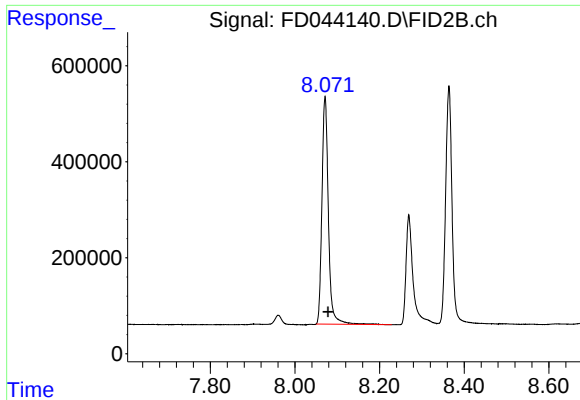
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.801 min
Delta R.T.: -0.010 min
Response: 4391113
Conc: 30.98 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.415 min
Delta R.T.: -0.009 min
Response: 5855504
Conc: 47.16 ug/ml



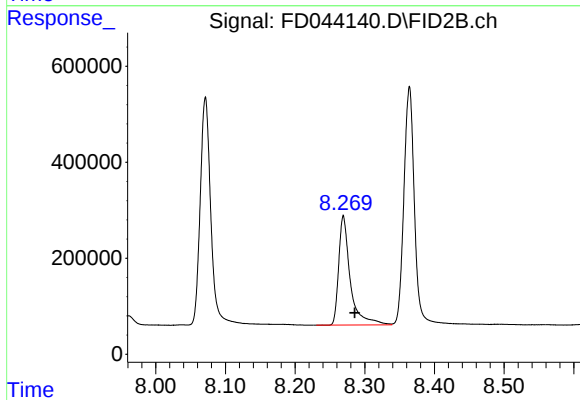
#5 Acenaphthylene (C15.06)

R.T.: 8.071 min
Delta R.T.: -0.007 min
Response: 5020642
Conc: 35.79 ug/ml

Instrument :
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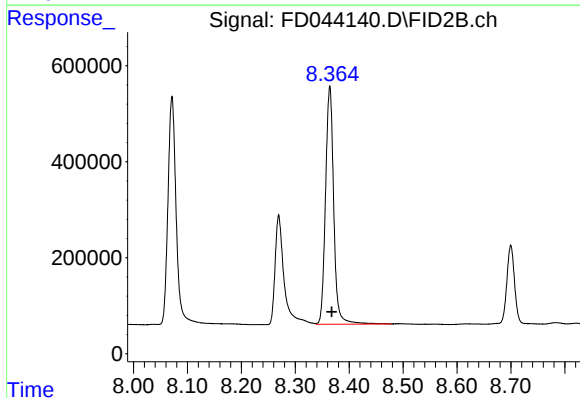
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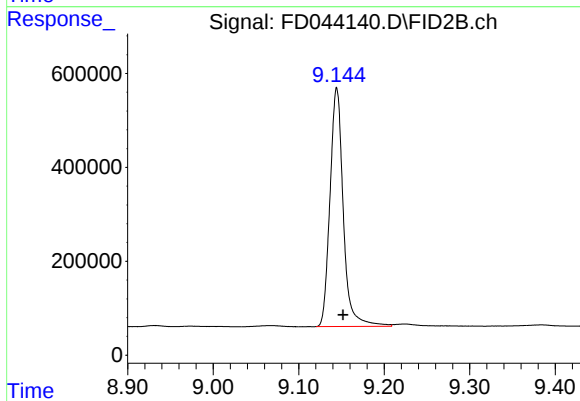
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.270 min
Delta R.T.: -0.016 min
Response: 2631810
Conc: 34.95 ug/ml



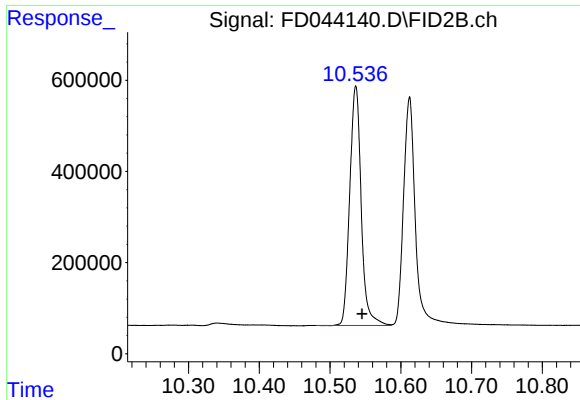
#7 Acenaphthene (C15.5)

R.T.: 8.364 min
Delta R.T.: -0.004 min
Response: 5240243
Conc: 33.70 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.145 min
Delta R.T.: -0.007 min
Response: 5503334
Conc: 39.12 ug/ml



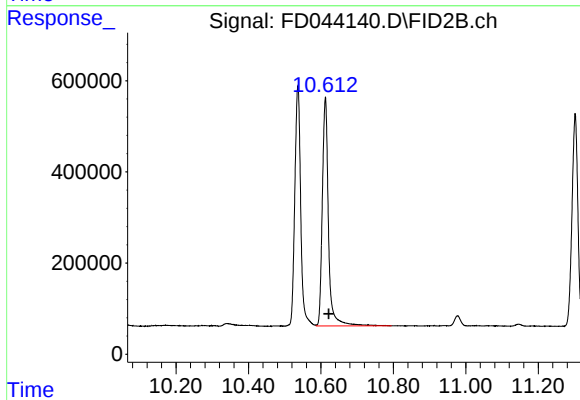
#9 Phenanthrene (C19.36)

R.T.: 10.536 min
Delta R.T.: -0.009 min
Response: 5925626
Conc: 44.00 ug/ml

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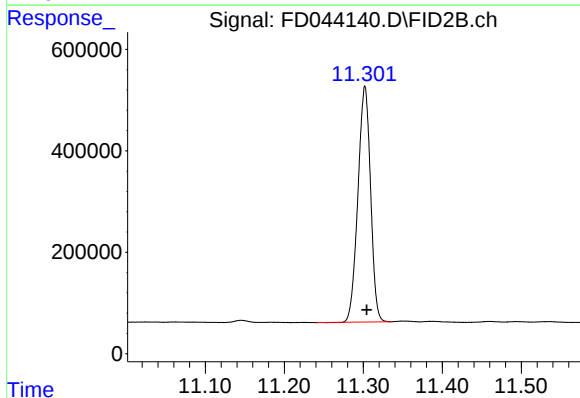
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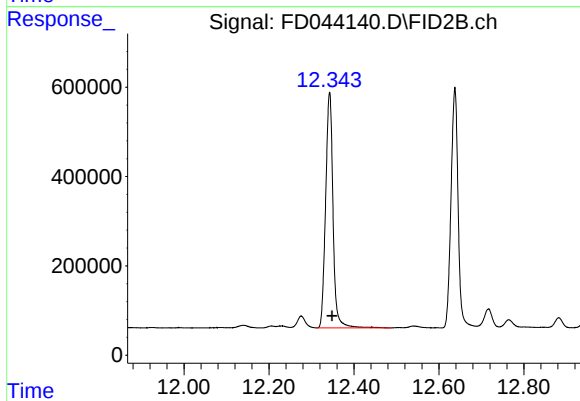
#10 Anthracene (C19.43)

R.T.: 10.612 min
Delta R.T.: -0.009 min
Response: 5890710
Conc: 43.84 ug/ml



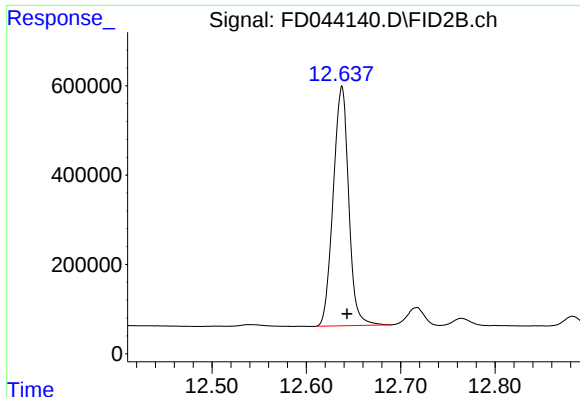
#11 ortho-Terphenyl (SURR)

R.T.: 11.302 min
Delta R.T.: -0.003 min
Response: 5158117
Conc: 30.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.343 min
Delta R.T.: -0.006 min
Response: 6363279
Conc: 47.65 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.637 min
Delta R.T.: -0.006 min
Response: 6114304
Conc: 48.41 ug/ml

Instrument :

FID_D

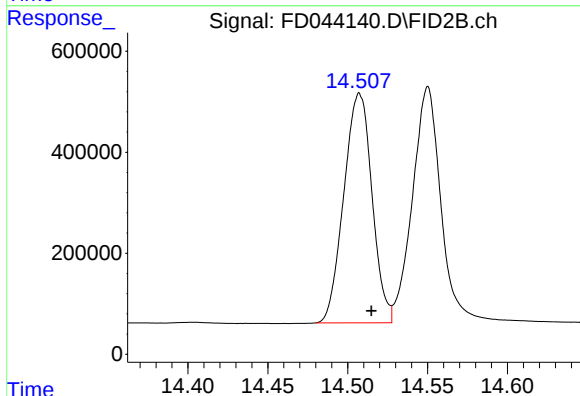
ClientSampleId :

WASTEMSD

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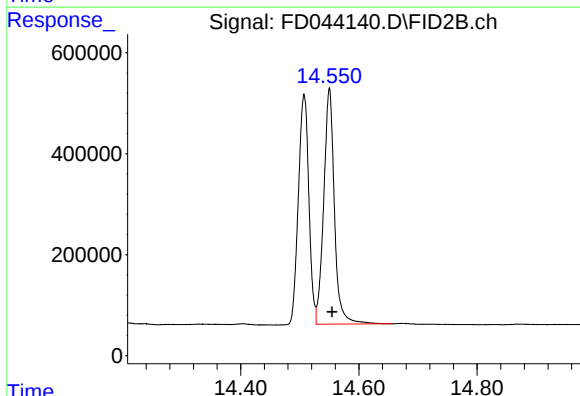
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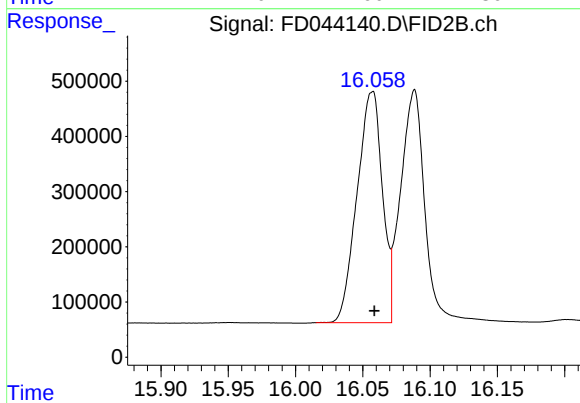
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min
Delta R.T.: -0.008 min
Response: 5582637
Conc: 52.56 ug/ml



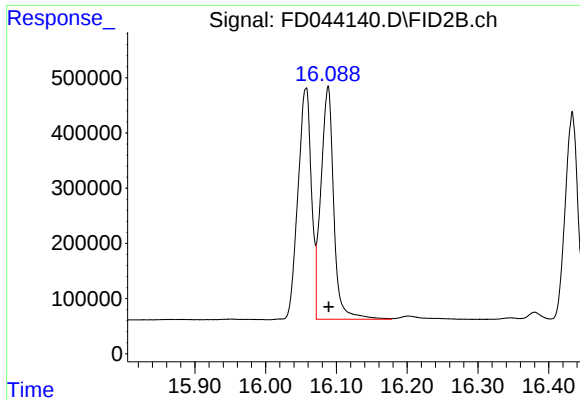
#15 Chrysene (C27.41)

R.T.: 14.550 min
Delta R.T.: -0.005 min
Response: 5882481
Conc: 44.87 ug/ml



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

R.T.: 16.057 min
Delta R.T.: -0.002 min
Response: 5489478
Conc: 48.91 ug/ml



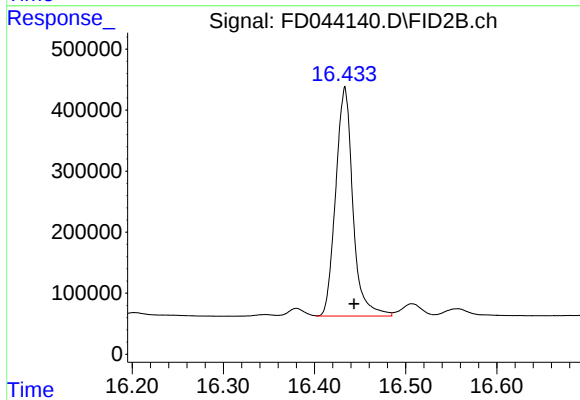
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.088 min
Delta R.T.: -0.001 min
Response: 5331808
Conc: 41.91 ug/ml

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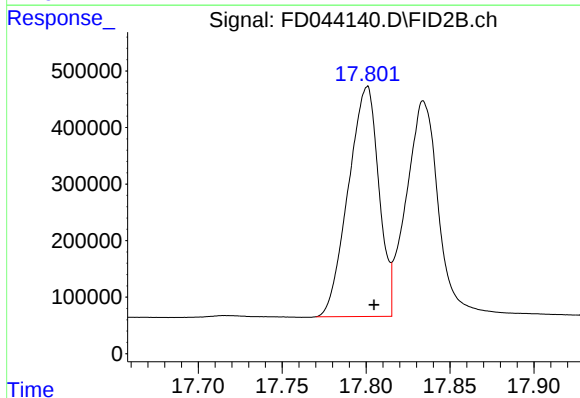
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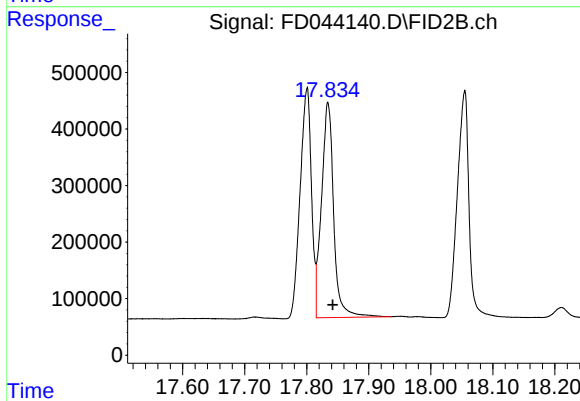
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.433 min
Delta R.T.: -0.010 min
Response: 4913379
Conc: 42.28 ug/ml



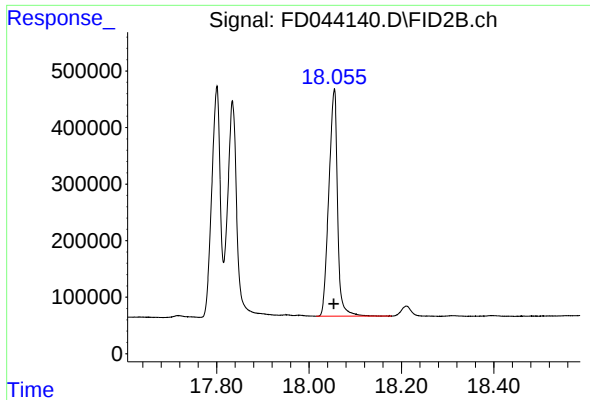
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.800 min
Delta R.T.: -0.005 min
Response: 5145315
Conc: 48.26 ug/ml



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

R.T.: 17.834 min
Delta R.T.: -0.007 min
Response: 5193382
Conc: 41.98 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.000 min
Response: 5251100
Conc: 44.73 ug/ml

Instrument :

FID_D

ClientSampleId :

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