

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082124AR\
 Data File : FF014454.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2024 11:42
 Operator : YP\AJ
 Sample : P3390-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :Ankita Jodhani 08/22/2024

Integration File: autoint1.e
 Quant Time: Aug 22 03:08:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 15:55:53 2024
 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...	7.875	6389428	57.063 ug/ml
Spiked Amount 50.000		Recovery =	114.13%
6) S 2-Fluorobiphenyl (SURR)	8.745	3666618	54.768 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.54%
11) S ortho-Terphenyl (SURR)	11.808	6680643	46.370 ug/ml
Spiked Amount 50.000		Recovery =	92.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.490	252102	1.892 ug/ml
2) T Naphthalene (C11.7)	6.158	256735	1.928 ug/mlm
3) T 2-Methylnaphthalene (...)	7.255	252627	1.893 ug/ml
5) T Acenaphthylene (C15.06)	8.548	299666	2.237 ug/ml
7) T Acenaphthene (C15.5)	8.843	491442	3.444 ug/ml
8) T Flouorene (C16.55)	9.640	277960	2.144 ug/ml
9) T Phenanthrene (C19.36)	11.043	228162	1.791 ug/mlm
10) T Anthracene (C19.43)	11.122	191096	1.432 ug/ml
12) T Fluoranthene (C21.85)	12.862	313232	2.280 ug/ml
13) T Pyrene (C20.8)	13.155	299497	2.162 ug/ml
14) T Benzo[a]anthracene (C...	15.051	147821	1.315 ug/ml
15) T Chrysene (C27.41)	15.090	437122	2.798 ug/ml
16) T benzo[b]fluoranthene ...	16.603	175765	1.494 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.637	353366	2.436 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.997	184219	1.458 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.386	188347	2.253 ug/ml
20) T Dibenz[a,h]anthracene...	18.436	257853	1.866 ug/ml
21) T Benzo[g,h,i]perylene ...	18.608	199048	1.622 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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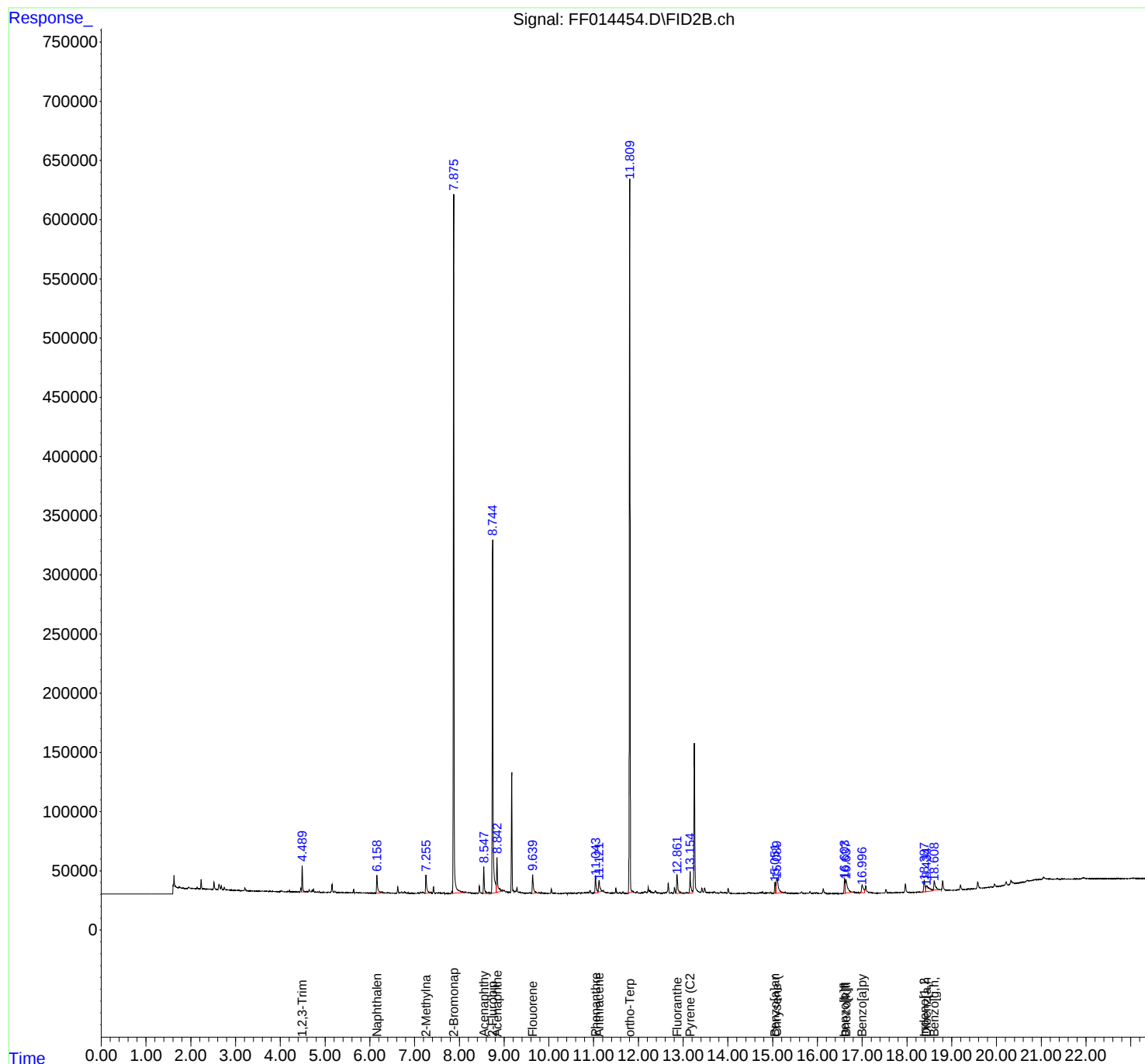
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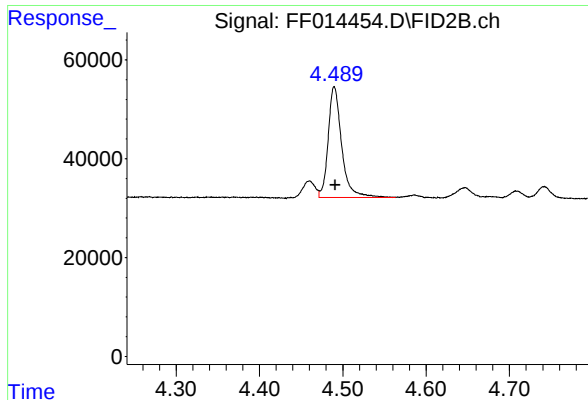
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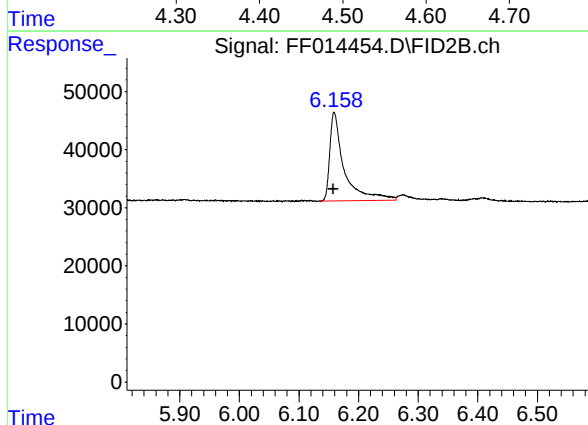
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 252102
Conc: 1.89 ug/ml

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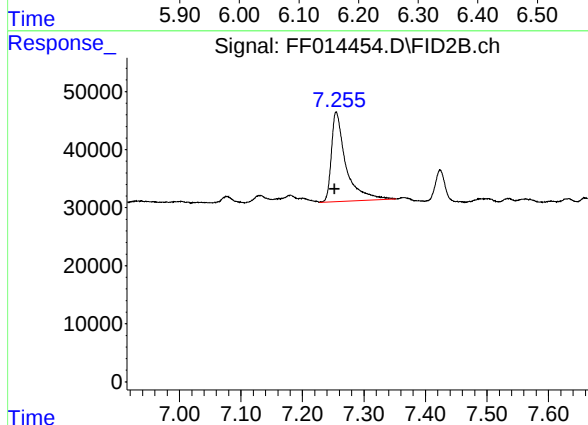
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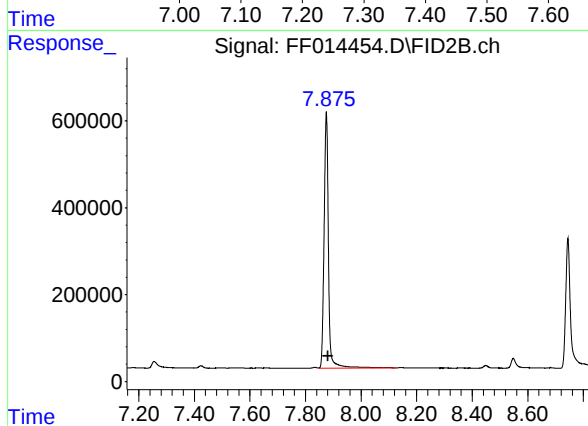
#2 Naphthalene (C11.7)

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 256735
Conc: 1.93 ug/ml m



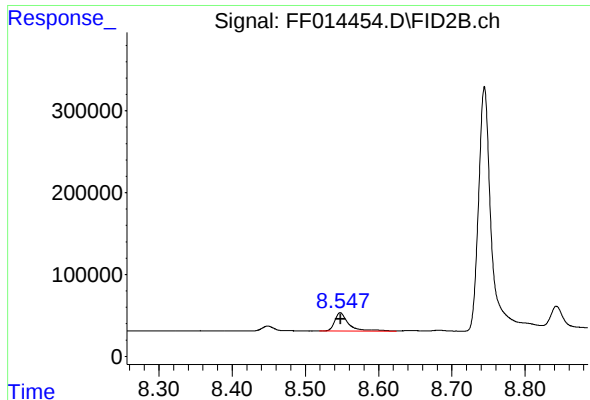
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: 0.003 min
Response: 252627
Conc: 1.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.875 min
Delta R.T.: -0.007 min
Response: 6389428
Conc: 57.06 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.548 min
Delta R.T.: 0.000 min
Response: 299666
Conc: 2.24 ug/ml

Instrument :

FID_F

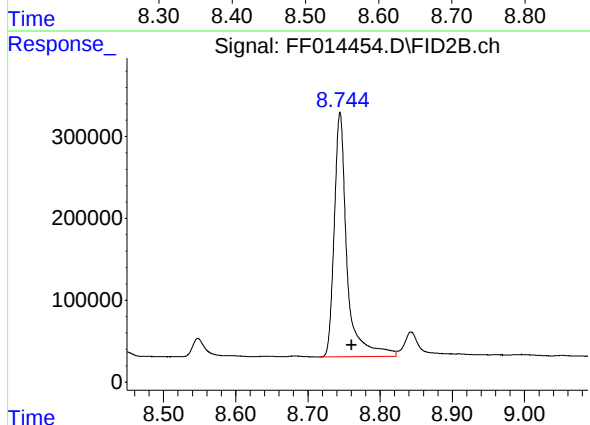
ClientSampleId :

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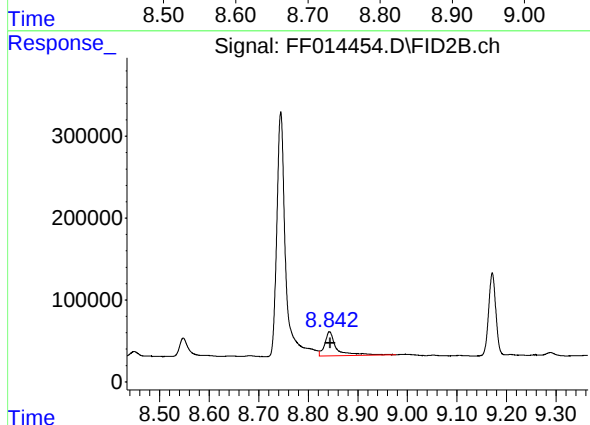
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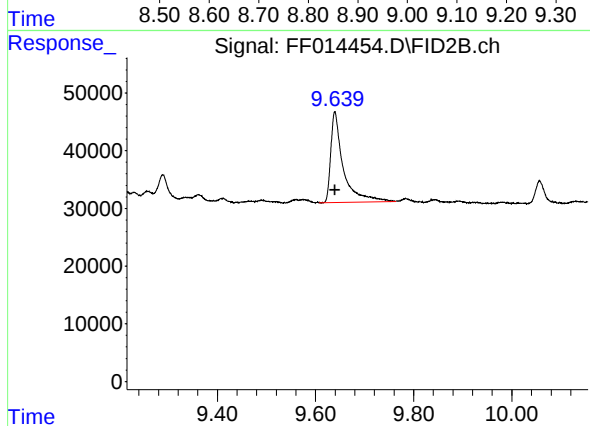
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.745 min
Delta R.T.: -0.016 min
Response: 3666618
Conc: 54.77 ug/ml



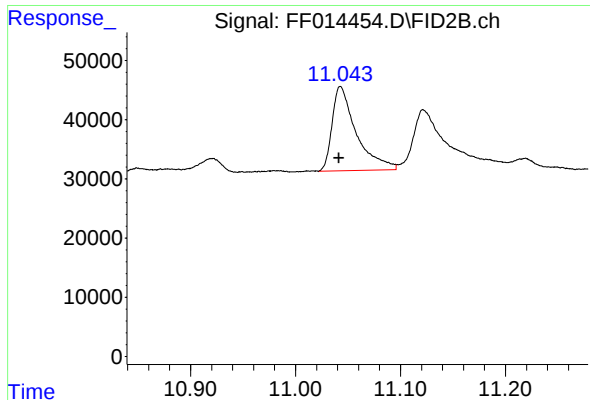
#7 Acenaphthene (C15.5)

R.T.: 8.843 min
Delta R.T.: -0.001 min
Response: 491442
Conc: 3.44 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.640 min
Delta R.T.: 0.000 min
Response: 277960
Conc: 2.14 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.043 min
Delta R.T.: 0.001 min
Response: 228162
Conc: 1.79 ug/ml

Instrument :

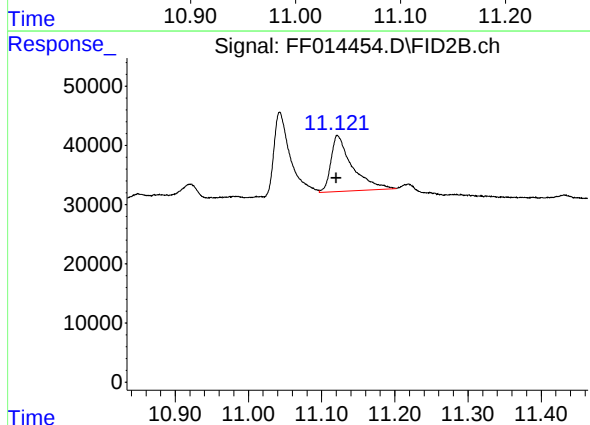
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ClientSampleId :

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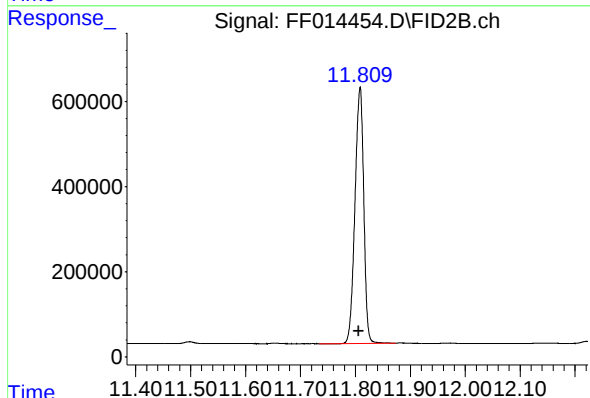
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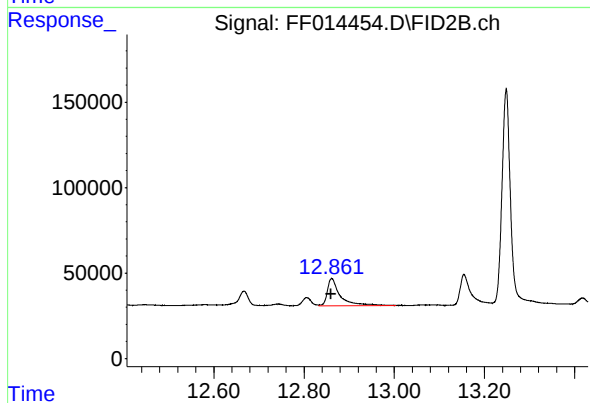
#10 Anthracene (C19.43)

R.T.: 11.122 min
Delta R.T.: 0.002 min
Response: 191096
Conc: 1.43 ug/ml



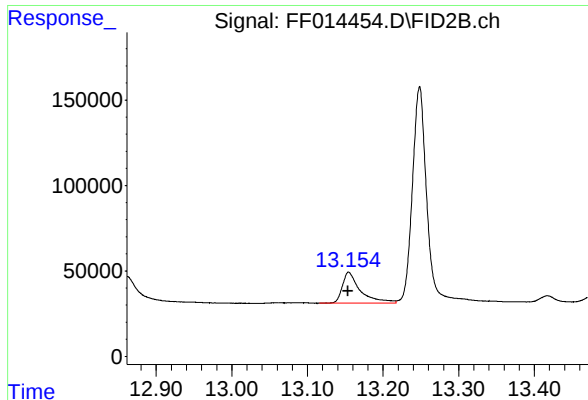
#11 ortho-Terphenyl (SURR)

R.T.: 11.808 min
Delta R.T.: 0.002 min
Response: 6680643
Conc: 46.37 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.862 min
Delta R.T.: 0.002 min
Response: 313232
Conc: 2.28 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.155 min
Delta R.T.: 0.002 min
Response: 299497
Conc: 2.16 ug/ml

Instrument :

FID_F

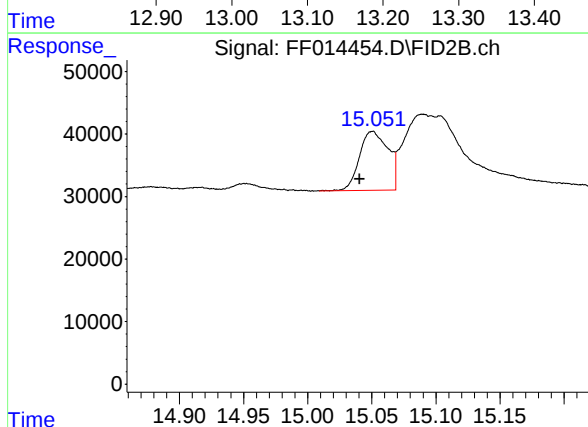
ClientSampleId :

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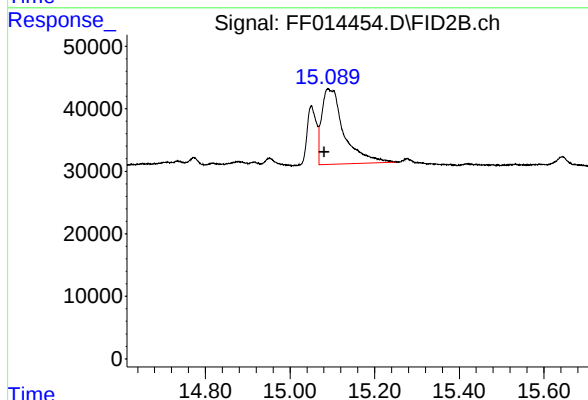
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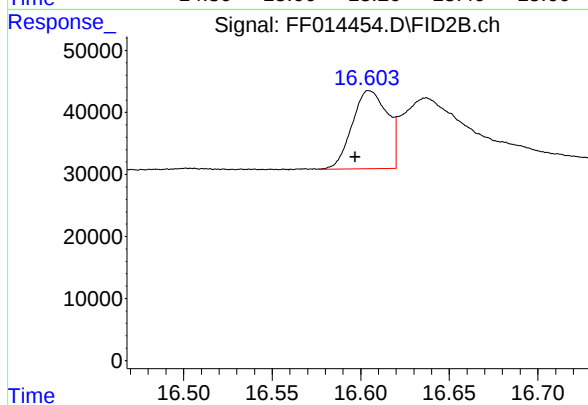
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.051 min
Delta R.T.: 0.010 min
Response: 147821
Conc: 1.31 ug/ml



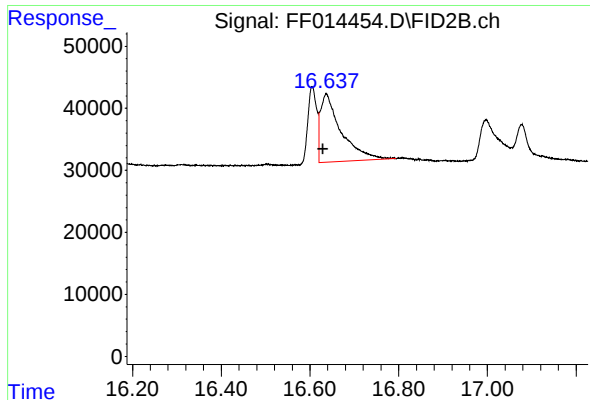
#15 Chrysene (C27.41)

R.T.: 15.090 min
Delta R.T.: 0.009 min
Response: 437122
Conc: 2.80 ug/ml



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

R.T.: 16.603 min
Delta R.T.: 0.007 min
Response: 175765
Conc: 1.49 ug/ml m



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

R.T.: 16.637 min
Delta R.T.: 0.008 min
Response: 353366
Conc: 2.44 ug/ml

Instrument :

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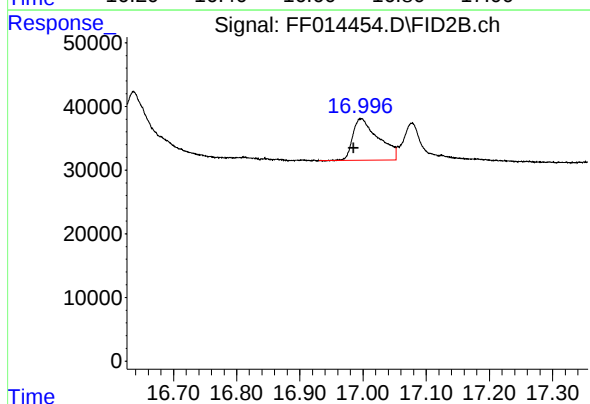
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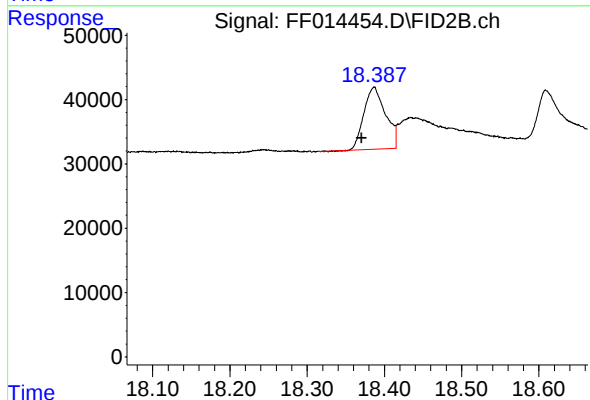
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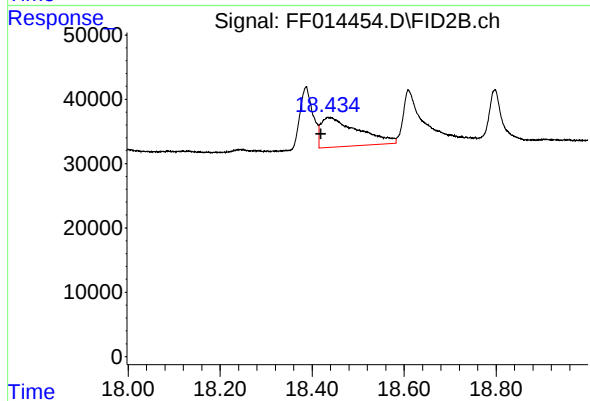
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.997 min
Delta R.T.: 0.012 min
Response: 184219
Conc: 1.46 ug/ml



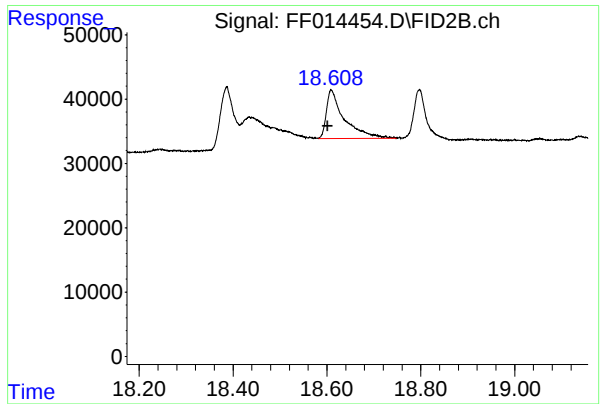
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.386 min
Delta R.T.: 0.016 min
Response: 188347
Conc: 2.25 ug/ml



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

R.T.: 18.436 min
Delta R.T.: 0.016 min
Response: 257853
Conc: 1.87 ug/ml



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

R.T.: 18.608 min
Delta R.T.: 0.007 min
Response: 199048
Conc: 1.62 ug/ml

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