

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080824AR\
 Data File : FG014092.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2024 05:46
 Operator : YP\AJ
 Sample : P3390-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Aug 08 06:24:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 080624.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 17:31:37 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...	7.891	5504768	49.067 ug/ml
Spiked Amount 50.000		Recovery =	98.13%
6) S 2-Fluorobiphenyl (SURR)	8.763	3545304	47.210 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.42%
11) S ortho-Terphenyl (SURR)	11.833	5622923	42.507 ug/ml
Spiked Amount 50.000		Recovery =	85.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	218508	1.691 ug/ml
2) T Naphthalene (C11.7)	6.165	228405	1.717 ug/mlm
3) T 2-Methylnaphthalene (...)	7.263	252717	1.910 ug/ml
5) T Acenaphthylene (C15.06)	8.562	260043	1.965 ug/ml
7) T Acenaphthene (C15.5)	8.860	366356	2.709 ug/ml
8) T Flouorene (C16.55)	9.654	237268	1.846 ug/ml
9) T Phenanthrene (C19.36)	11.060	210307	1.687 ug/ml
10) T Anthracene (C19.43)	11.137	212839	1.692 ug/ml
12) T Fluoranthene (C21.85)	12.884	258398	2.025 ug/ml
13) T Pyrene (C20.8)	13.181	259480	2.040 ug/ml
14) T Benzo[a]anthracene (C...	15.069	190547	1.635 ug/ml
15) T Chrysene (C27.41)	15.109	354854	2.602 ug/ml
16) T benzo[b]fluoranthene ...	16.627	180307	1.458 ug/ml
17) T Bnezo[k]fluoranthene ...	16.657	297411	2.225 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.013	203554	1.614 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.386	150930	1.474 ug/ml
20) T Dibenz[a,h]anthracene...	18.429	353296	2.315 ug/ml
21) T Benzo[g,h,i]perylene ...	18.637	253440	1.826 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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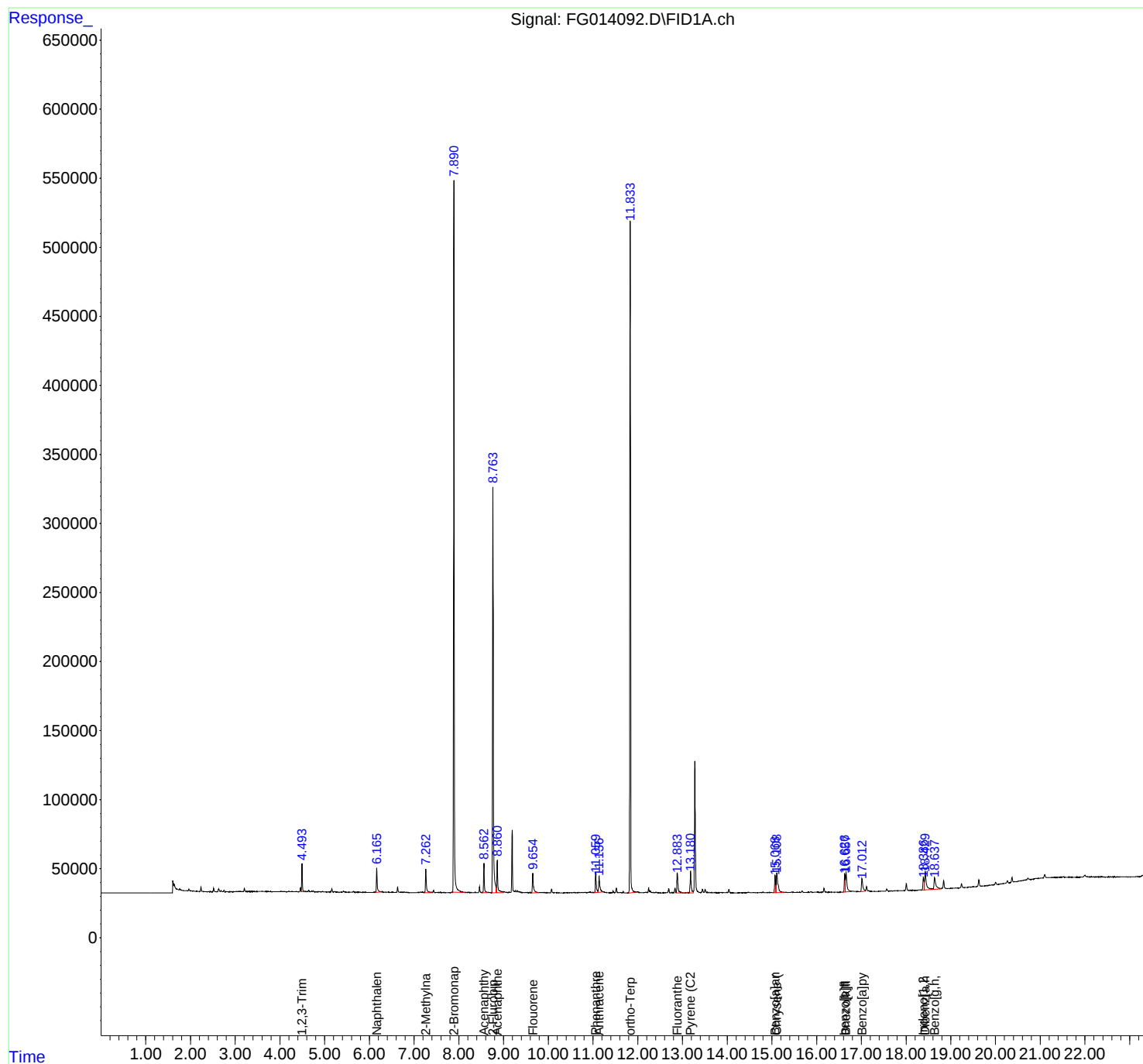
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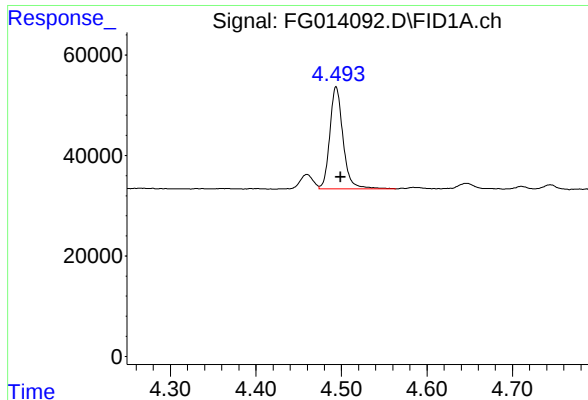
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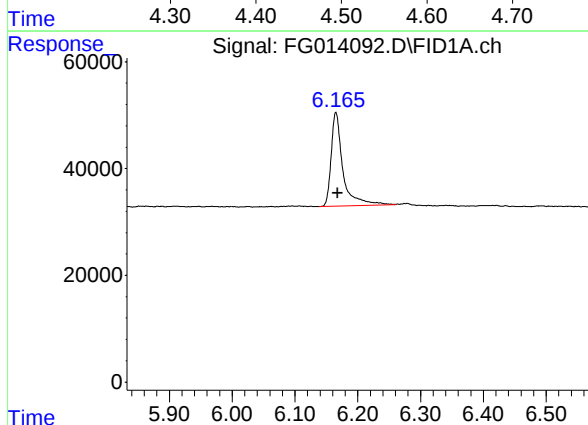
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.494 min
Delta R.T.: -0.005 min
Response: 218508
Conc: 1.69 ug/ml

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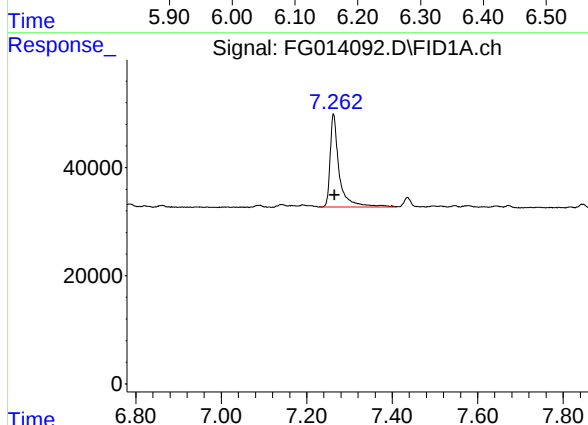
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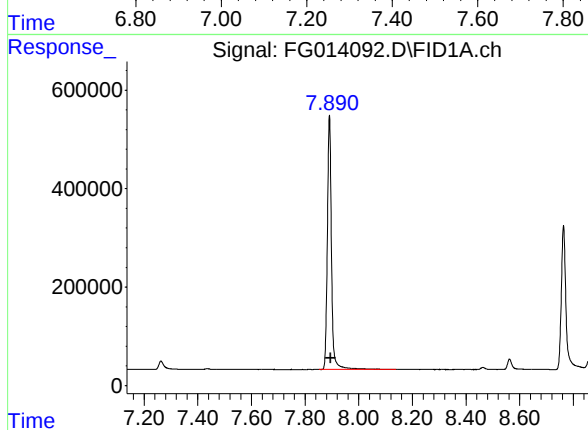
#2 Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.003 min
Response: 228405
Conc: 1.72 ug/ml m



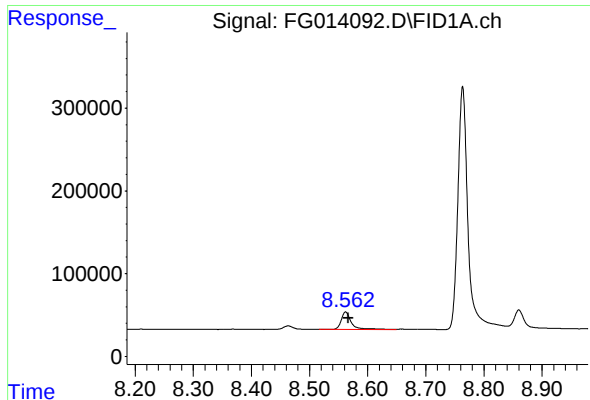
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: -0.003 min
Response: 252717
Conc: 1.91 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.891 min
Delta R.T.: -0.005 min
Response: 5504768
Conc: 49.07 ug/ml



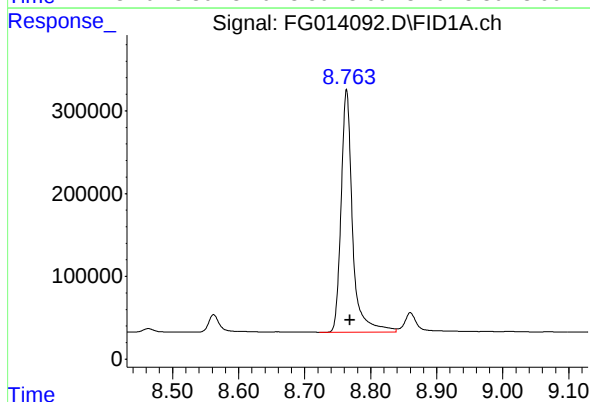
#5 Acenaphthylene (C15.06)

R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 260043
Conc: 1.96 ug/ml

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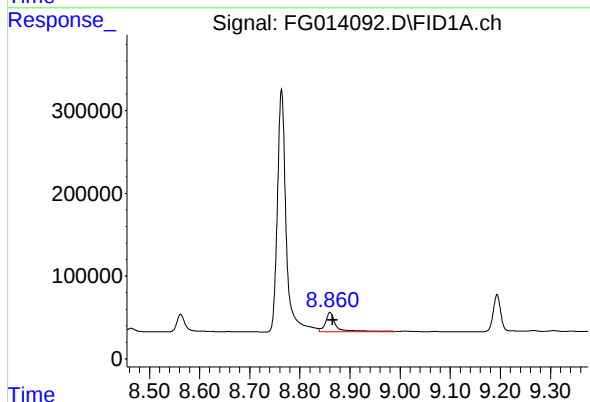
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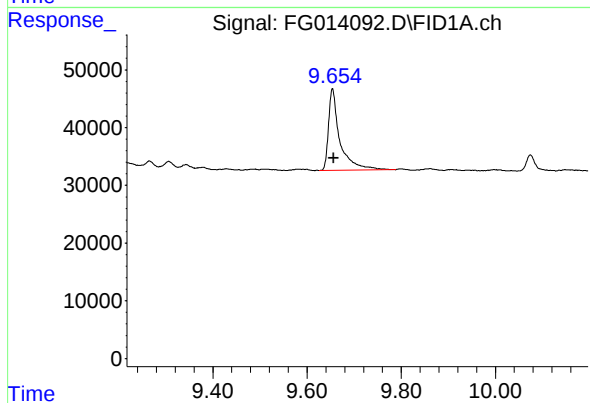
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.763 min
Delta R.T.: -0.005 min
Response: 3545304
Conc: 47.21 ug/ml



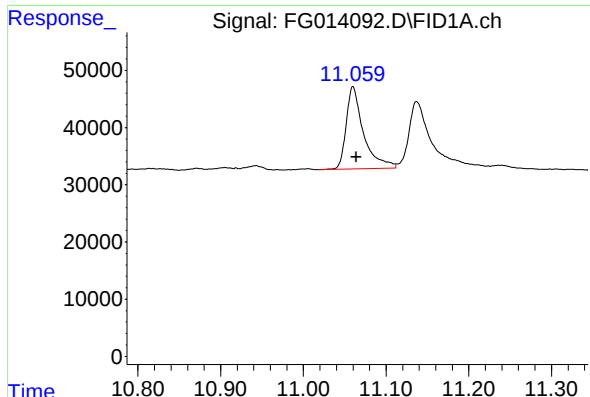
#7 Acenaphthene (C15.5)

R.T.: 8.860 min
Delta R.T.: -0.005 min
Response: 366356
Conc: 2.71 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.654 min
Delta R.T.: -0.003 min
Response: 237268
Conc: 1.85 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.060 min
Delta R.T.: -0.004 min
Response: 210307
Conc: 1.69 ug/ml

Instrument :

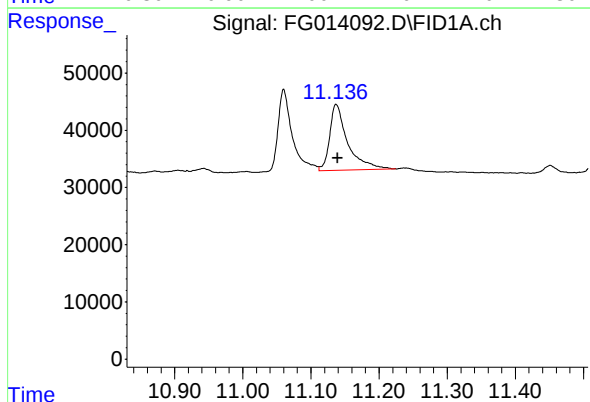
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ClientSampleId :

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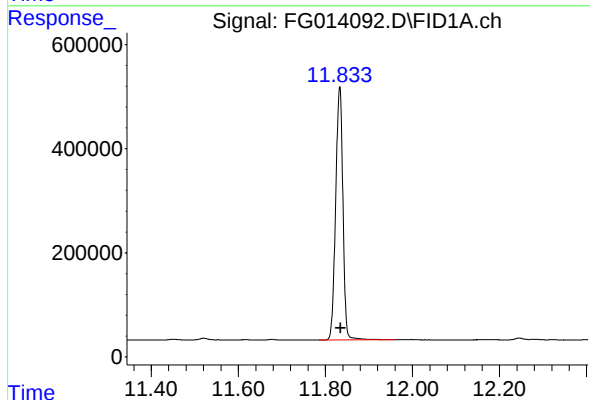
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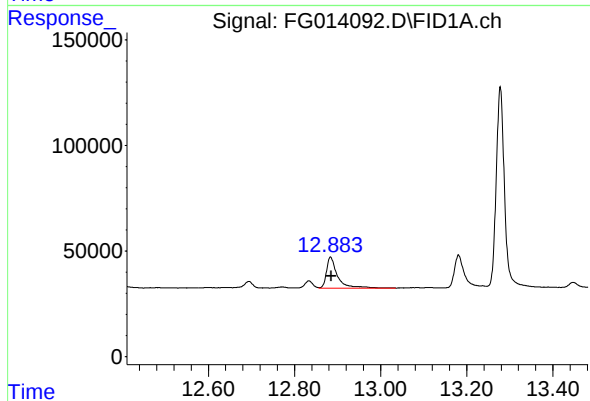
#10 Anthracene (C19.43)

R.T.: 11.137 min
Delta R.T.: -0.002 min
Response: 212839
Conc: 1.69 ug/ml



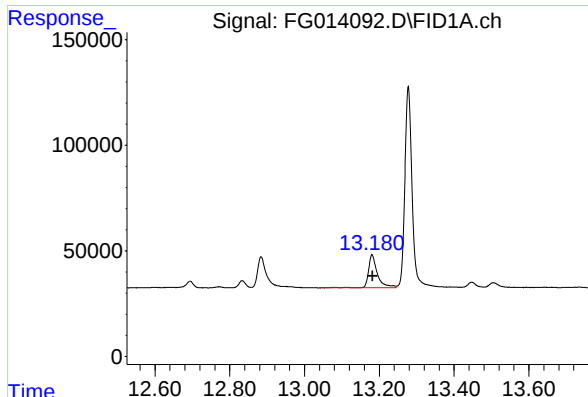
#11 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.002 min
Response: 5622923
Conc: 42.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.884 min
Delta R.T.: -0.002 min
Response: 258398
Conc: 2.02 ug/ml



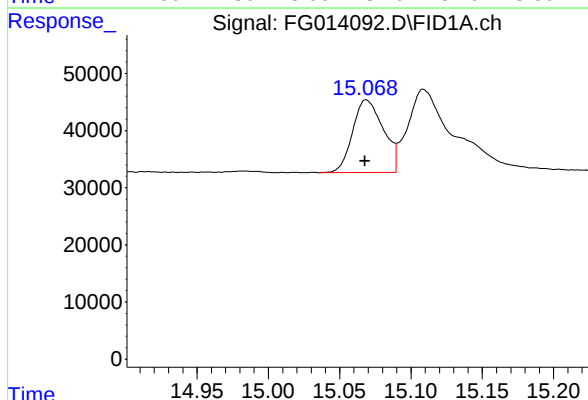
#13 Pyrene (C20.8)

R.T.: 13.181 min
Delta R.T.: -0.001 min
Response: 259480
Conc: 2.04 ug/ml

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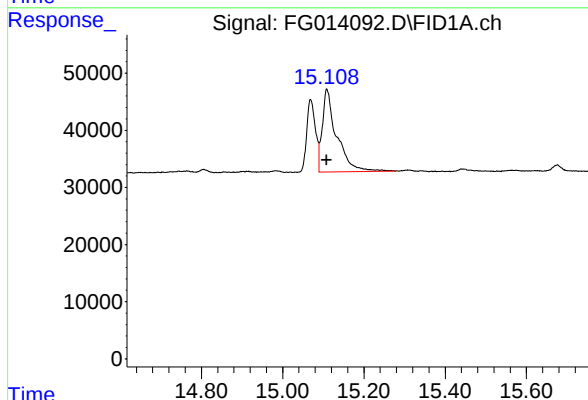
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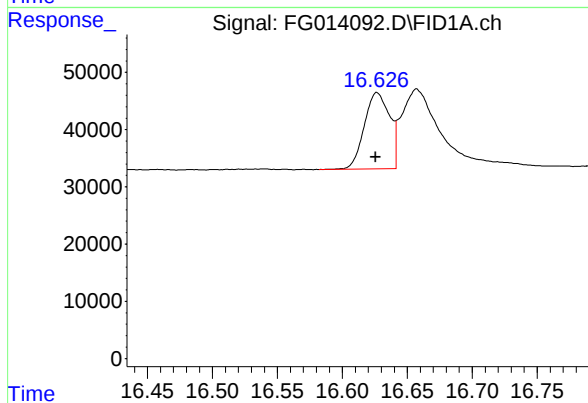
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.069 min
Delta R.T.: 0.001 min
Response: 190547
Conc: 1.64 ug/ml



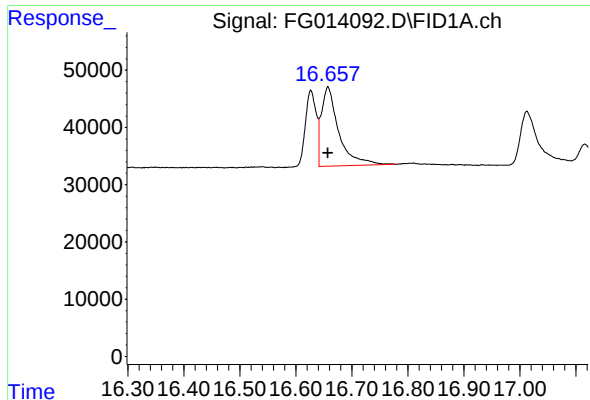
#15 Chrysene (C27.41)

R.T.: 15.109 min
Delta R.T.: 0.000 min
Response: 354854
Conc: 2.60 ug/ml



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

R.T.: 16.627 min
Delta R.T.: 0.001 min
Response: 180307
Conc: 1.46 ug/ml



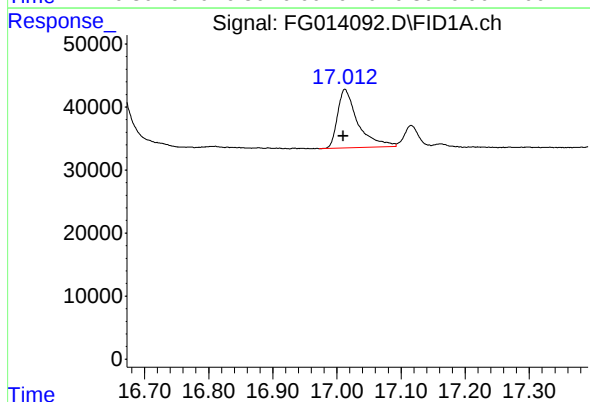
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.657 min
Delta R.T.: 0.000 min
Response: 297411
Conc: 2.22 ug/ml

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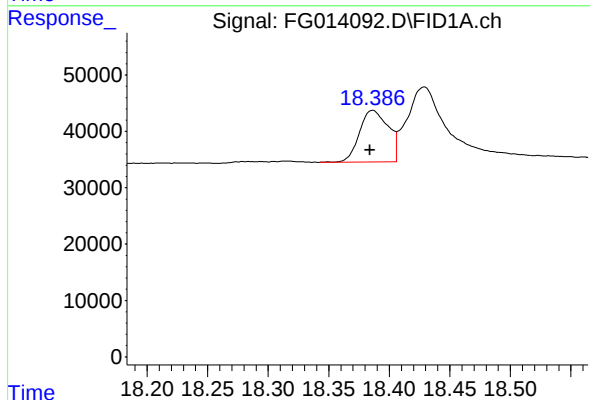
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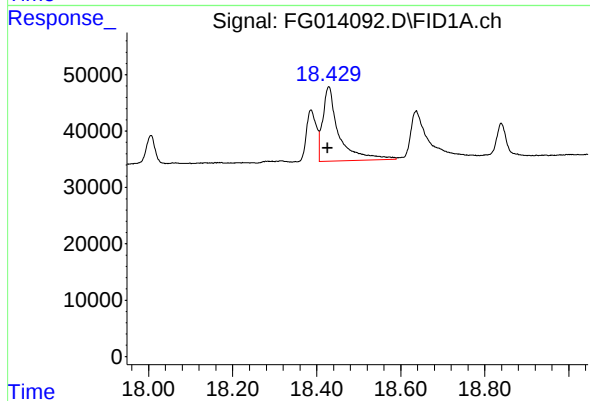
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.013 min
Delta R.T.: 0.003 min
Response: 203554
Conc: 1.61 ug/ml



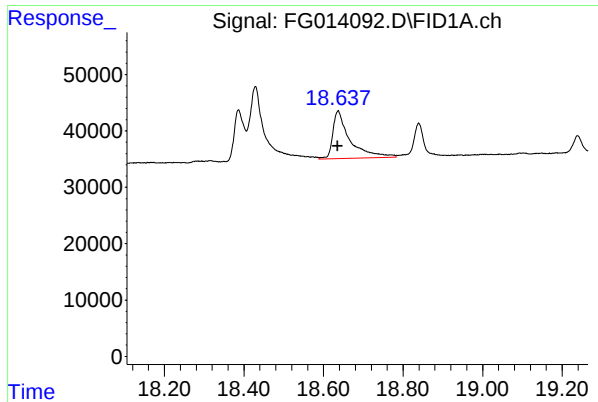
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.386 min
Delta R.T.: 0.002 min
Response: 150930
Conc: 1.47 ug/ml



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

R.T.: 18.429 min
Delta R.T.: 0.003 min
Response: 353296
Conc: 2.31 ug/ml



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

R.T.: 18.637 min
Delta R.T.: 0.001 min
Response: 253440
Conc: 1.83 ug/ml

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