

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102224AR\
 Data File : FG014486.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 11:52
 Operator : YP\AJ
 Sample : P4368-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e
 Quant Time: Oct 23 02:42:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:38:07 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...	8.037	7197752	57.337 ug/ml
Spiked Amount 50.000		Recovery =	114.67%
6) S 2-Fluorobiphenyl (SURR)	8.913	4519917	52.475 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	104.95%
11) S ortho-Terphenyl (SURR)	11.986	7310298	49.375 ug/ml
Spiked Amount 50.000		Recovery =	98.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.635	570123	4.208 ug/ml
2) T Naphthalene (C11.7)	6.308	666050	4.641 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	683560	4.680 ug/ml
5) T Acenaphthylene (C15.06)	8.710	685122	4.706 ug/mlm
7) T Acenaphthene (C15.5)	9.010	671347	4.639 ug/ml
8) T Flouorene (C16.55)	9.799	691698	4.775 ug/ml
9) T Phenanthrene (C19.36)	11.207	719005	4.885 ug/ml
10) T Anthracene (C19.43)	11.282	719848	5.133 ug/ml
12) T Fluoranthene (C21.85)	13.029	758746	5.130 ug/ml
13) T Pyrene (C20.8)	13.329	765676	5.208 ug/ml
14) T Benzo[a]anthracene (C...	15.208	803150	5.546 ug/ml
15) T Chrysene (C27.41)	15.250	865755	5.902 ug/ml
16) T benzo[b]fluoranthene ...	16.765	801260	5.448 ug/ml
17) T Bnezo[k]fluoranthene ...	16.794	963711	6.983 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.143	726695	5.096 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.511	736217	5.516 ug/ml
20) T Dibenz[a,h]anthracene...	18.555	1002232	7.182 ug/ml
21) T Benzo[g,h,i]perylene ...	18.766	668898	4.808 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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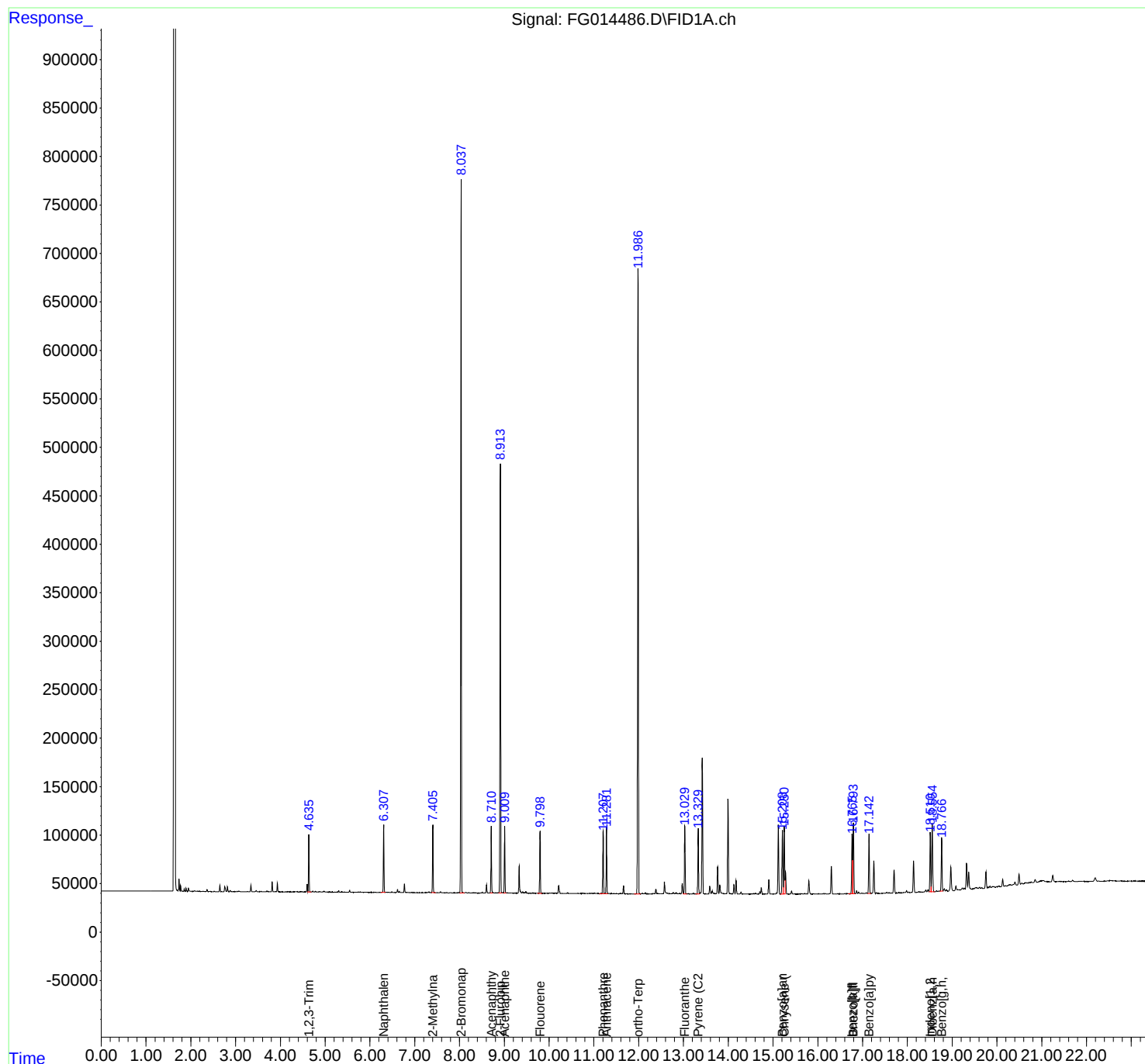
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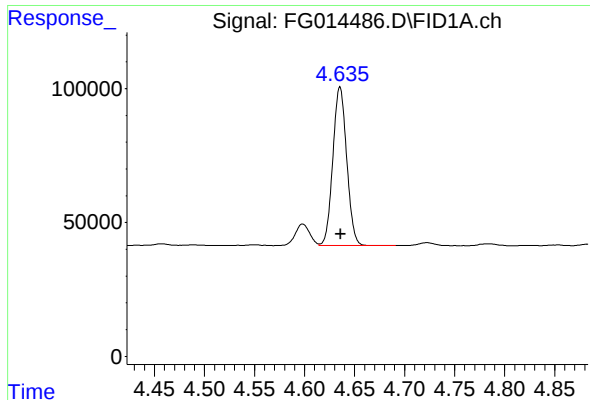
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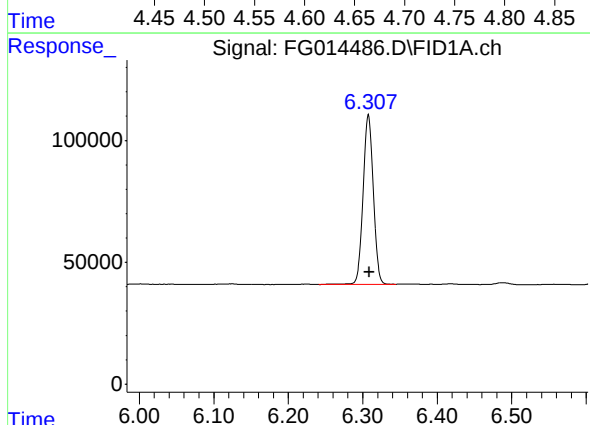
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 570123
Conc: 4.21 ug/ml

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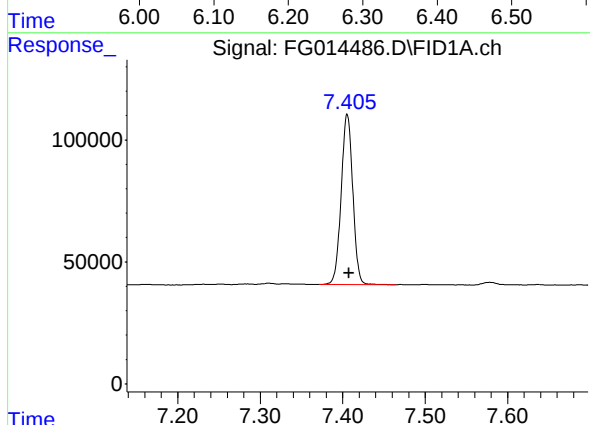
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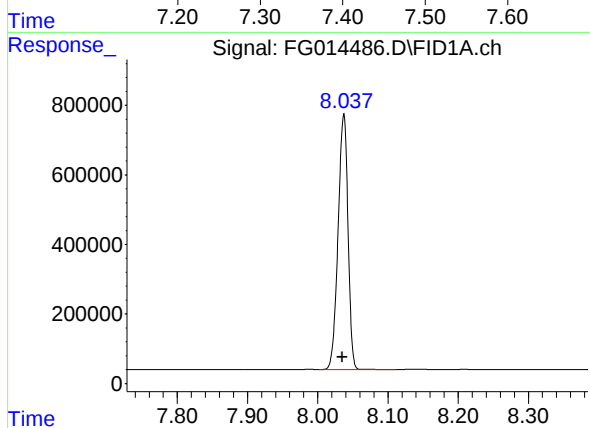
#2 Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: -0.001 min
Response: 666050
Conc: 4.64 ug/ml



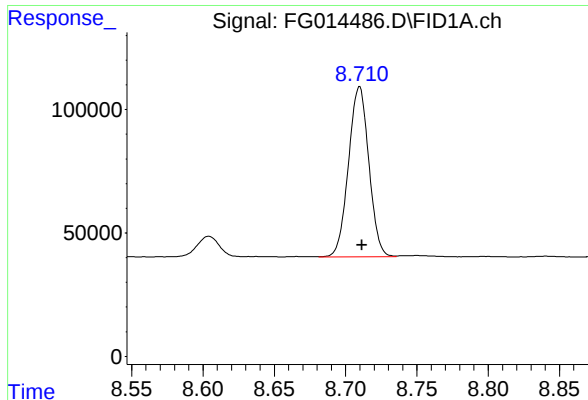
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 683560
Conc: 4.68 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.037 min
Delta R.T.: 0.002 min
Response: 7197752
Conc: 57.34 ug/ml



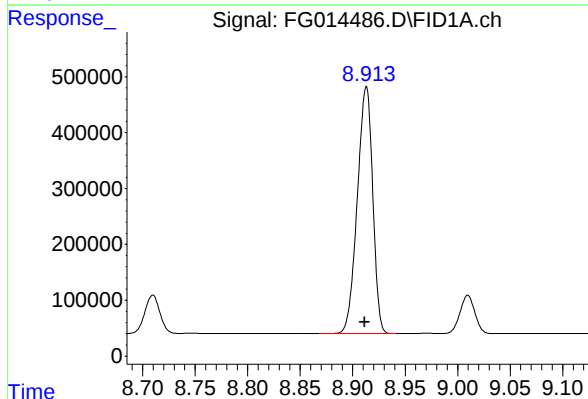
#5 Acenaphthylene (C15.06)

R.T.: 8.710 min
Delta R.T.: -0.002 min
Response: 685122
Conc: 4.71 ug/ml

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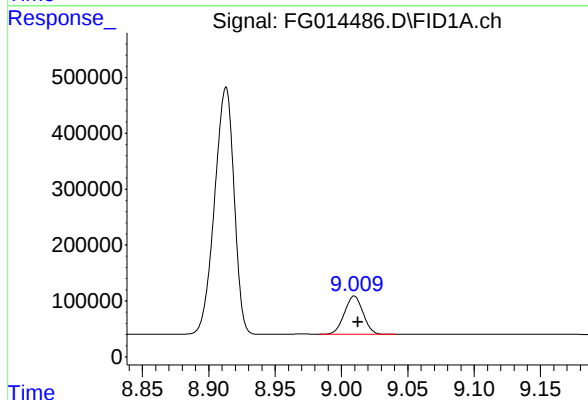
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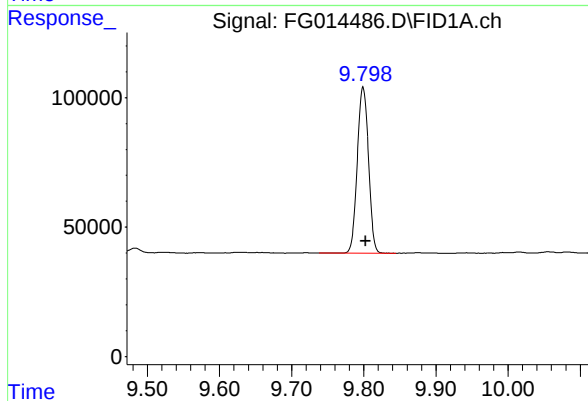
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.913 min
Delta R.T.: 0.002 min
Response: 4519917
Conc: 52.47 ug/ml



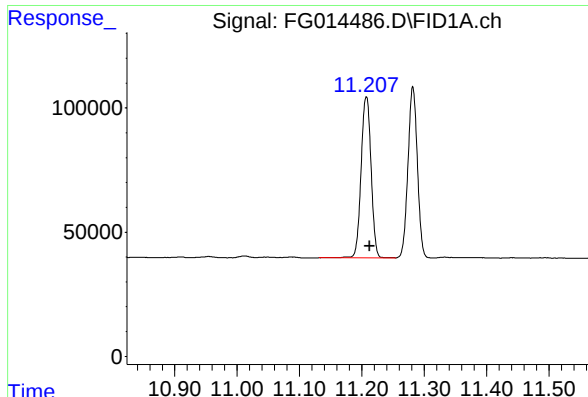
#7 Acenaphthene (C15.5)

R.T.: 9.010 min
Delta R.T.: -0.003 min
Response: 671347
Conc: 4.64 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.799 min
Delta R.T.: -0.004 min
Response: 691698
Conc: 4.77 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.207 min
Delta R.T.: -0.005 min
Response: 719005
Conc: 4.88 ug/ml

Instrument :

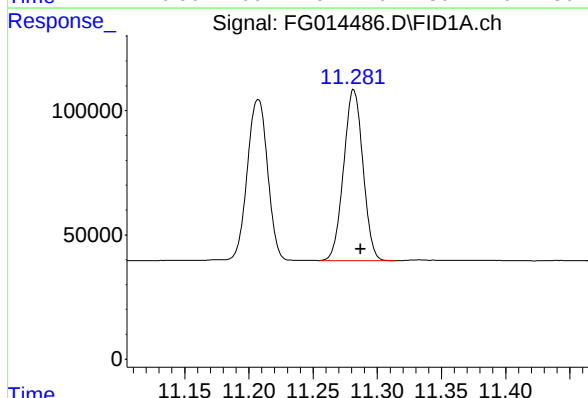
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ClientSampleId :

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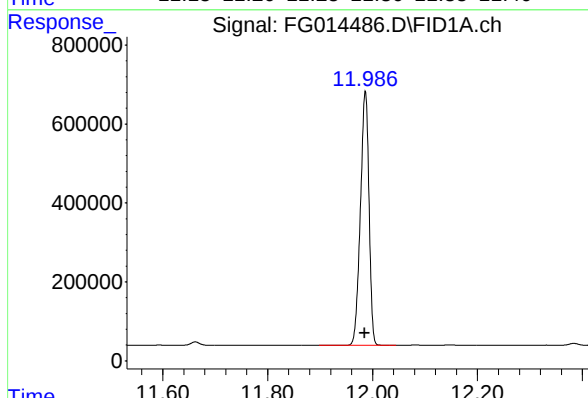
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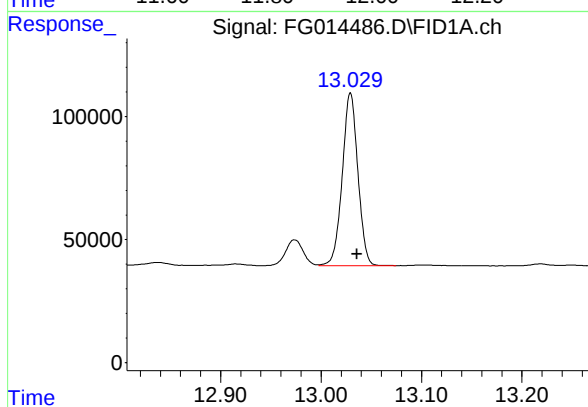
#10 Anthracene (C19.43)

R.T.: 11.282 min
Delta R.T.: -0.005 min
Response: 719848
Conc: 5.13 ug/ml



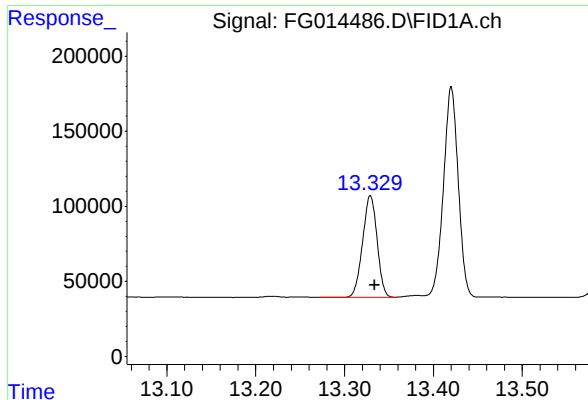
#11 ortho-Terphenyl (SURR)

R.T.: 11.986 min
Delta R.T.: 0.001 min
Response: 7310298
Conc: 49.37 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.029 min
Delta R.T.: -0.006 min
Response: 758746
Conc: 5.13 ug/ml



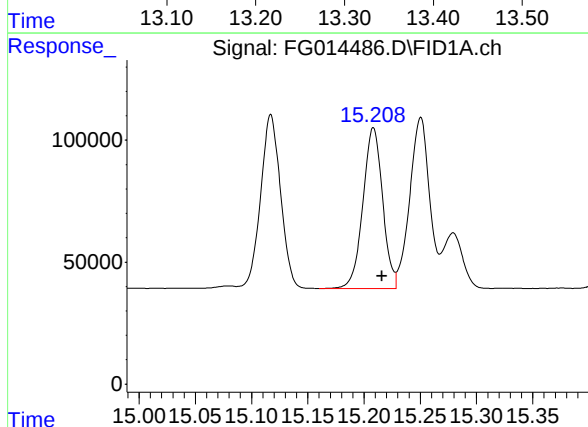
#13 Pyrene (C20.8)

R.T.: 13.329 min
Delta R.T.: -0.005 min
Response: 765676
Conc: 5.21 ug/ml

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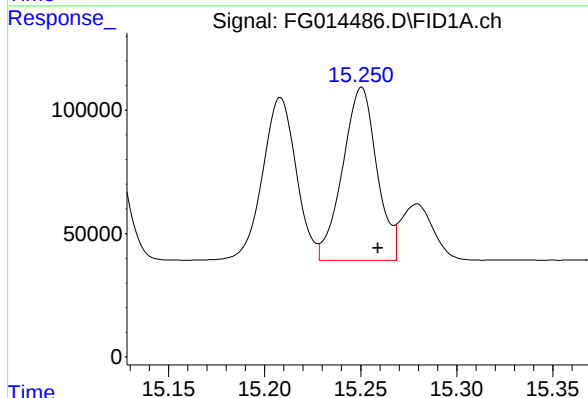
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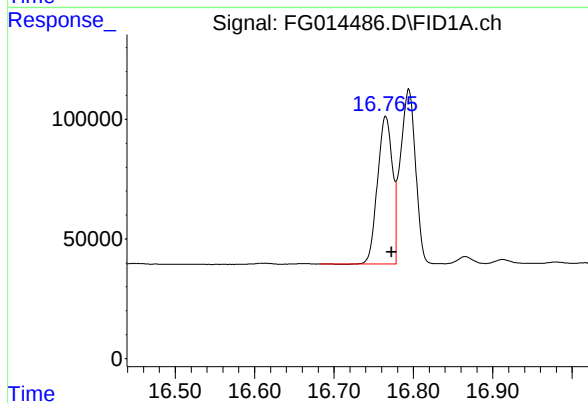
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.208 min
Delta R.T.: -0.008 min
Response: 803150
Conc: 5.55 ug/ml



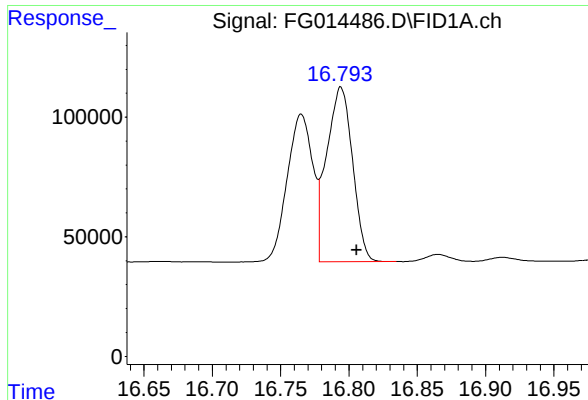
#15 Chrysene (C27.41)

R.T.: 15.250 min
Delta R.T.: -0.009 min
Response: 865755
Conc: 5.90 ug/ml



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

R.T.: 16.765 min
Delta R.T.: -0.008 min
Response: 801260
Conc: 5.45 ug/ml



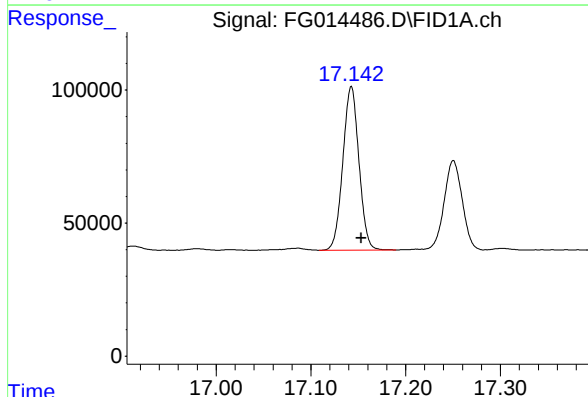
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.794 min
Delta R.T.: -0.011 min
Response: 963711
Conc: 6.98 ug/ml

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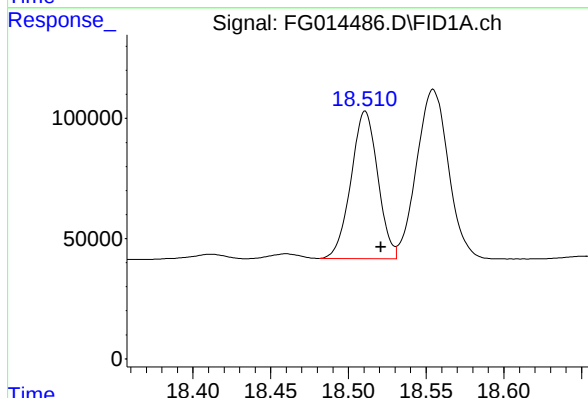
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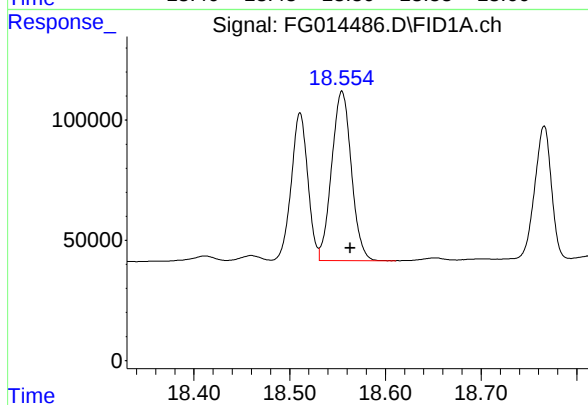
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.143 min
Delta R.T.: -0.011 min
Response: 726695
Conc: 5.10 ug/ml



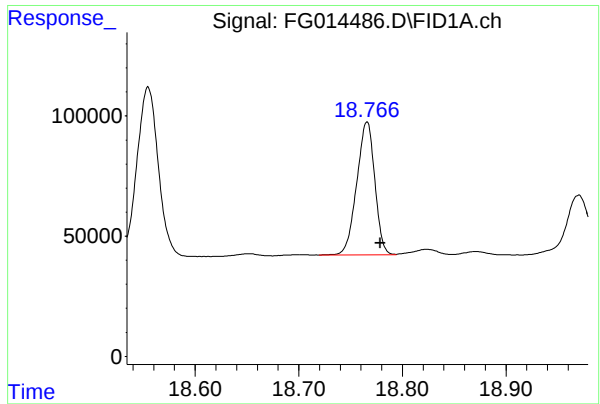
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.511 min
Delta R.T.: -0.010 min
Response: 736217
Conc: 5.52 ug/ml



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

R.T.: 18.555 min
Delta R.T.: -0.009 min
Response: 1002232
Conc: 7.18 ug/ml



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

R.T.: 18.766 min
Delta R.T.: -0.013 min
Response: 668898
Conc: 4.81 ug/ml

Instrument :

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