

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102224AR\
 Data File : FG014487.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 12:21
 Operator : YP\AJ
 Sample : P4368-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-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 02:43:02 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	7928901	63.161 ug/ml
Spiked Amount 50.000		Recovery =	126.32%
6) S 2-Fluorobiphenyl (SURR)	8.913	4918309	57.100 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.20%
11) S ortho-Terphenyl (SURR)	11.987	7638396	51.591 ug/ml
Spiked Amount 50.000		Recovery =	103.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.637	299406	2.210 ug/ml
2) T Naphthalene (C11.7)	6.308	350668	2.444 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	364382	2.495 ug/ml
5) T Acenaphthylene (C15.06)	8.709	364504	2.504 ug/mlm
7) T Acenaphthene (C15.5)	9.010	353998	2.446 ug/ml
8) T Flouorene (C16.55)	9.800	370402	2.557 ug/ml
9) T Phenanthrene (C19.36)	11.207	372095	2.528 ug/ml
10) T Anthracene (C19.43)	11.282	374733	2.672 ug/ml
12) T Fluoranthene (C21.85)	13.030	386701	2.615 ug/ml
13) T Pyrene (C20.8)	13.329	390448	2.656 ug/ml
14) T Benzo[a]anthracene (C...	15.209	391114	2.701 ug/ml
15) T Chrysene (C27.41)	15.249	404678	2.759 ug/mlm
16) T benzo[b]fluoranthene ...	16.763	381319	2.593 ug/ml
17) T Bnezo[k]fluoranthene ...	16.794	394924	2.862 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.143	363806	2.551 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.510	377532	2.829 ug/ml
20) T Dibenz[a,h]anthracene...	18.554	472129	3.383 ug/ml
21) T Benzo[g,h,i]perylene ...	18.764	341328	2.453 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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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

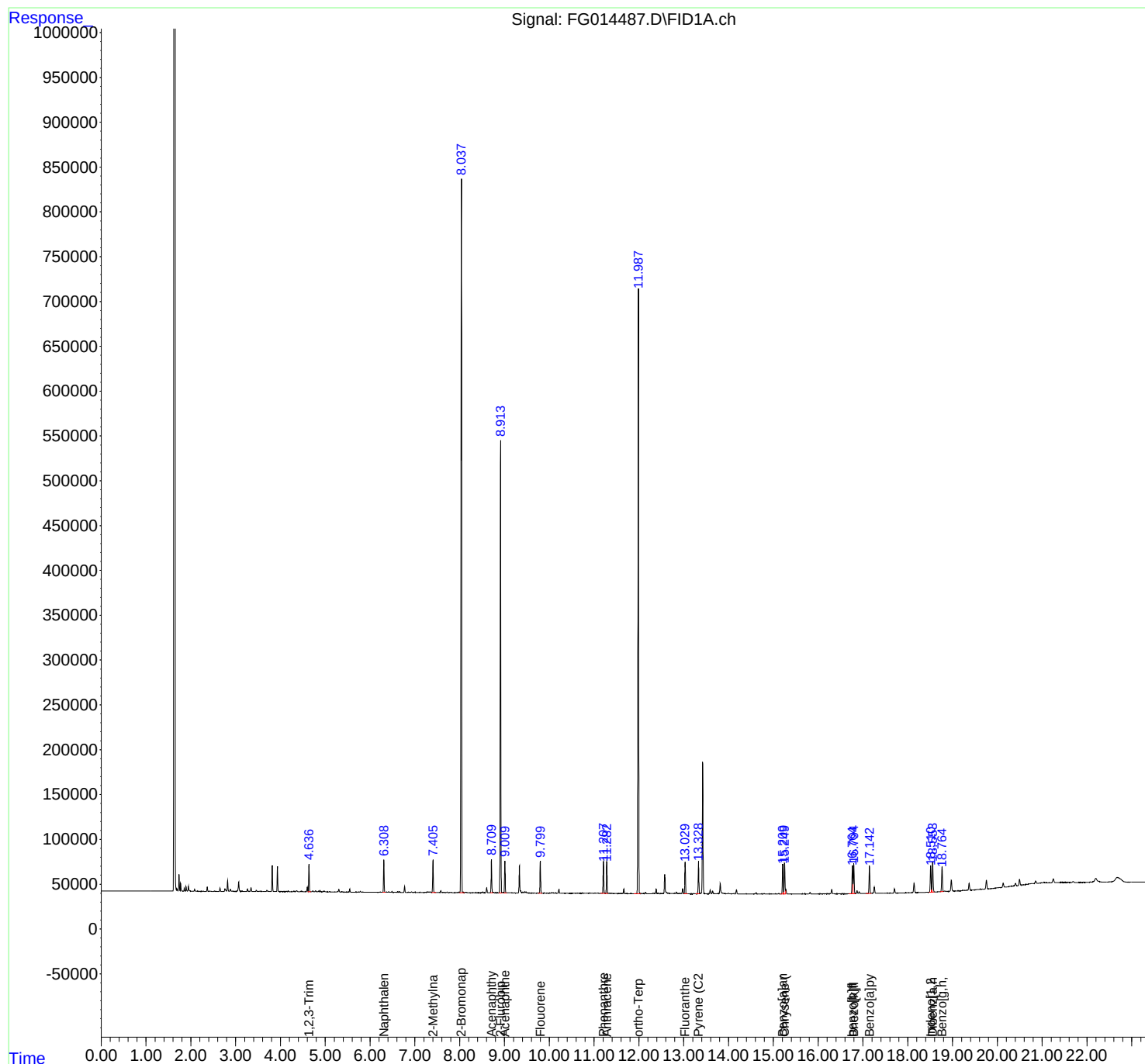
Response via : Initial Calibration

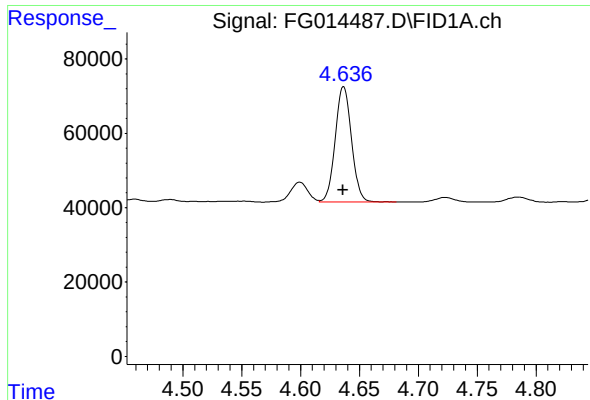
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 299406
Conc: 2.21 ug/ml

Instrument :

FID_G

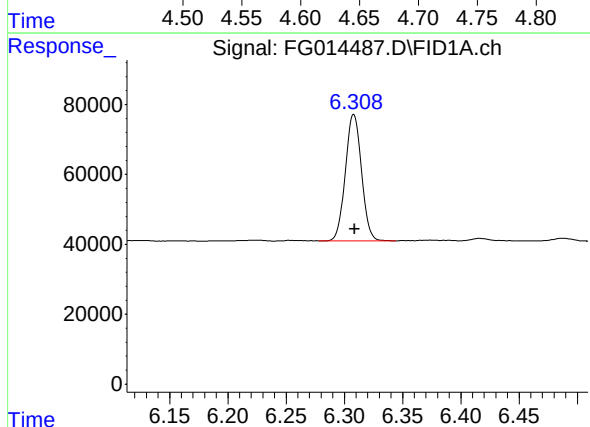
ClientSampleId :

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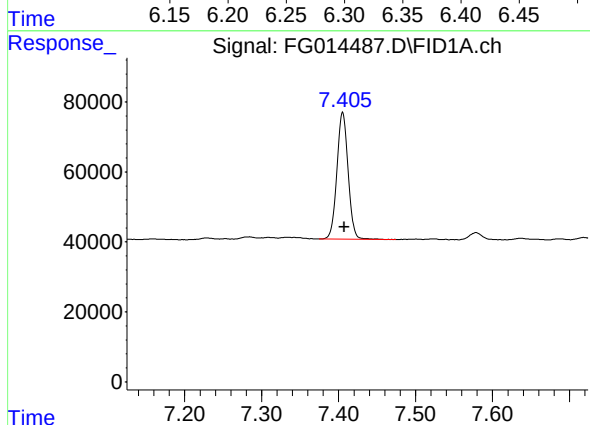
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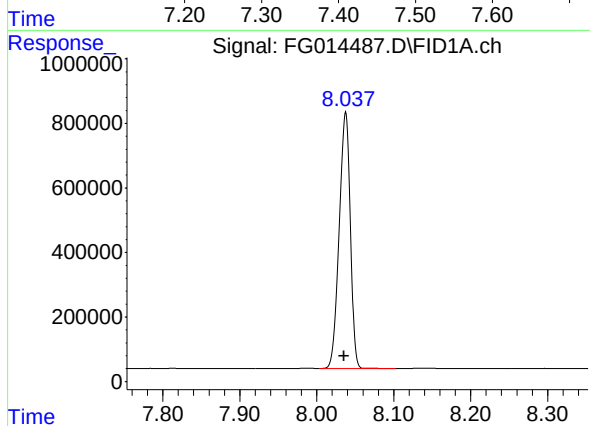
#2 Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 350668
Conc: 2.44 ug/ml



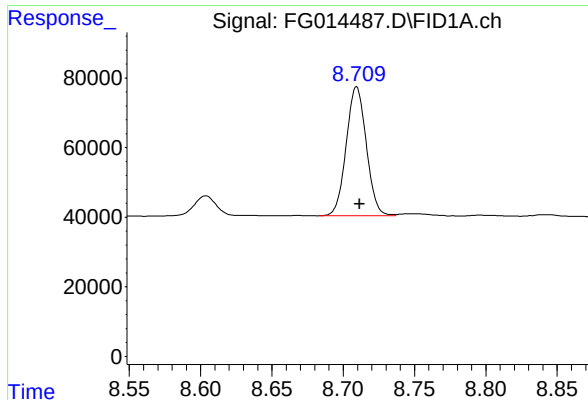
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 364382
Conc: 2.49 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.037 min
Delta R.T.: 0.002 min
Response: 7928901
Conc: 63.16 ug/ml



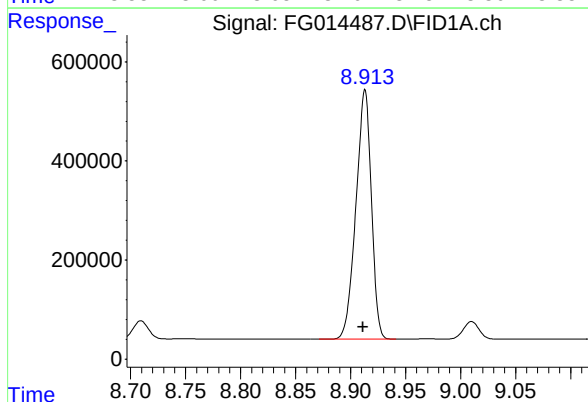
#5 Acenaphthylene (C15.06)

R.T.: 8.709 min
Delta R.T.: -0.003 min
Response: 364504
Conc: 2.50 ug/ml

Instrument :
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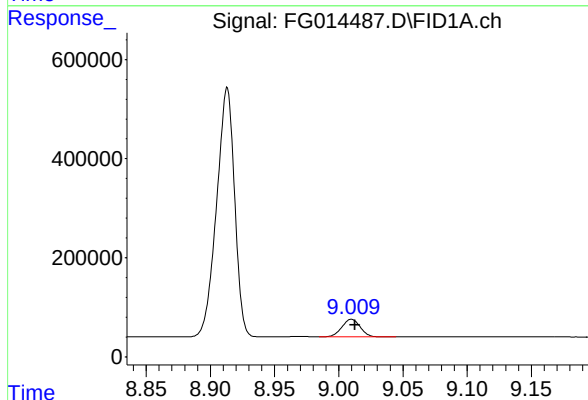
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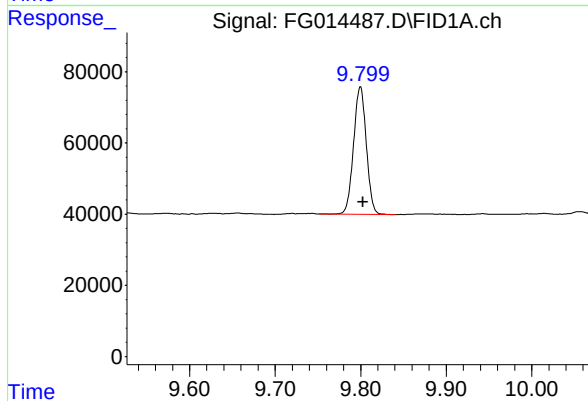
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.913 min
Delta R.T.: 0.002 min
Response: 4918309
Conc: 57.10 ug/ml



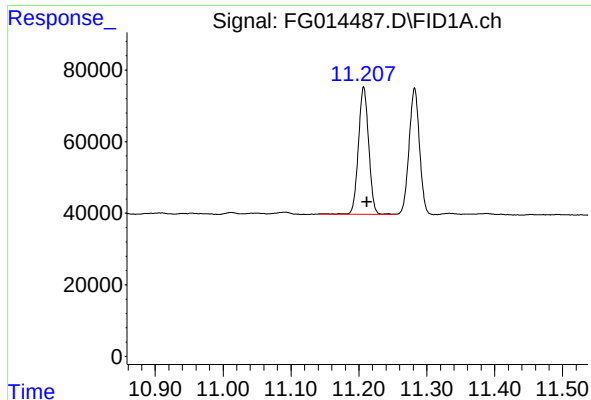
#7 Acenaphthene (C15.5)

R.T.: 9.010 min
Delta R.T.: -0.003 min
Response: 353998
Conc: 2.45 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.800 min
Delta R.T.: -0.003 min
Response: 370402
Conc: 2.56 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.207 min
Delta R.T.: -0.005 min
Response: 372095
Conc: 2.53 ug/ml

Instrument :

FID_G

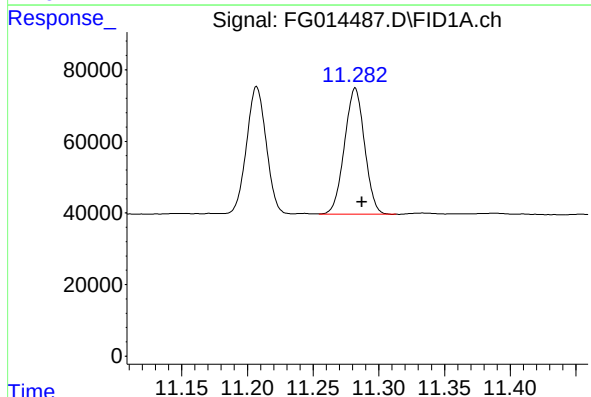
ClientSampleId :

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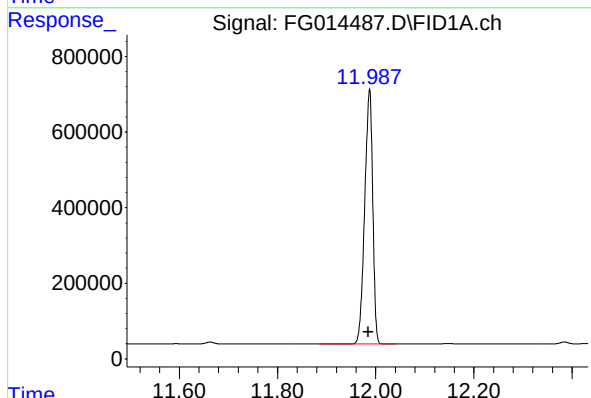
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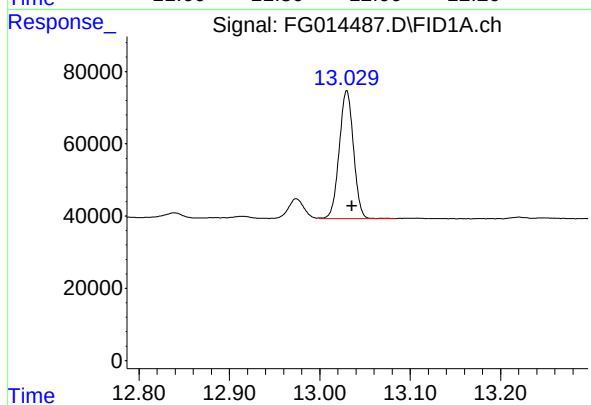
#10 Anthracene (C19.43)

R.T.: 11.282 min
Delta R.T.: -0.005 min
Response: 374733
Conc: 2.67 ug/ml



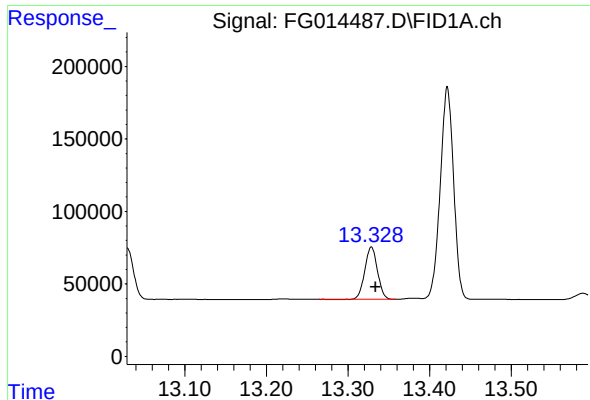
#11 ortho-Terphenyl (SURR)

R.T.: 11.987 min
Delta R.T.: 0.002 min
Response: 7638396
Conc: 51.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.030 min
Delta R.T.: -0.006 min
Response: 386701
Conc: 2.61 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.329 min
Delta R.T.: -0.005 min
Response: 390448
Conc: 2.66 ug/ml

Instrument :

FID_G

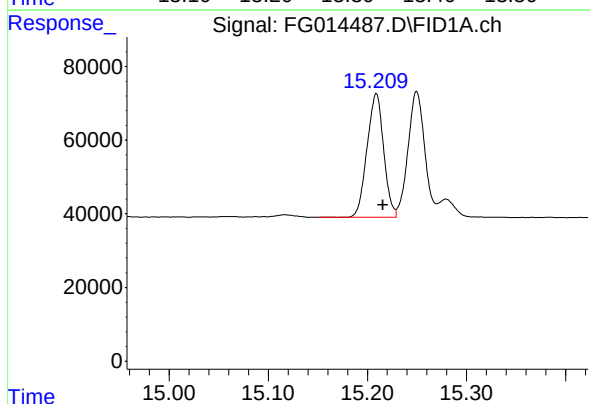
ClientSampleId :

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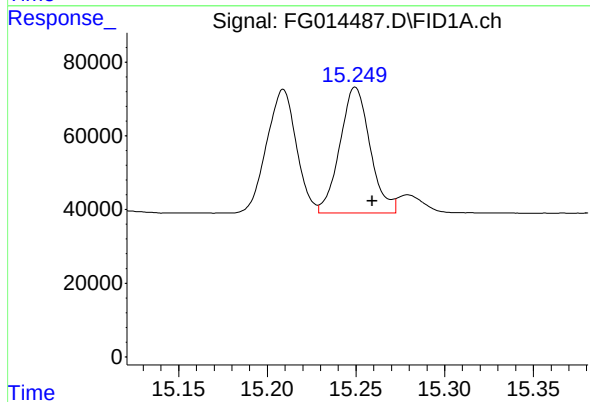
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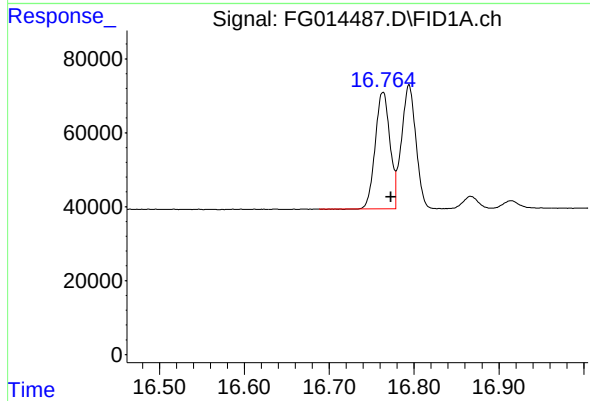
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.209 min
Delta R.T.: -0.007 min
Response: 391114
Conc: 2.70 ug/ml



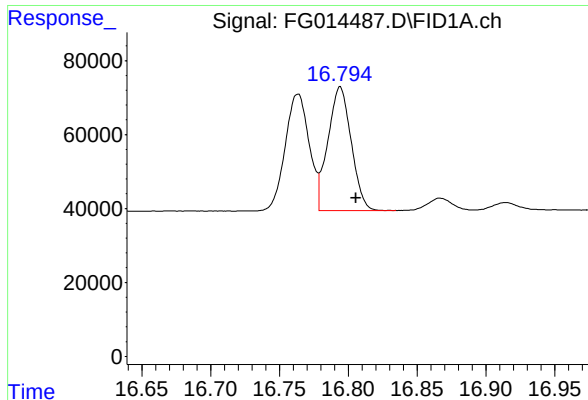
#15 Chrysene (C27.41)

R.T.: 15.249 min
Delta R.T.: -0.010 min
Response: 404678
Conc: 2.76 ug/ml m



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

R.T.: 16.763 min
Delta R.T.: -0.009 min
Response: 381319
Conc: 2.59 ug/ml



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

R.T.: 16.794 min
Delta R.T.: -0.011 min
Response: 394924
Conc: 2.86 ug/ml

Instrument :

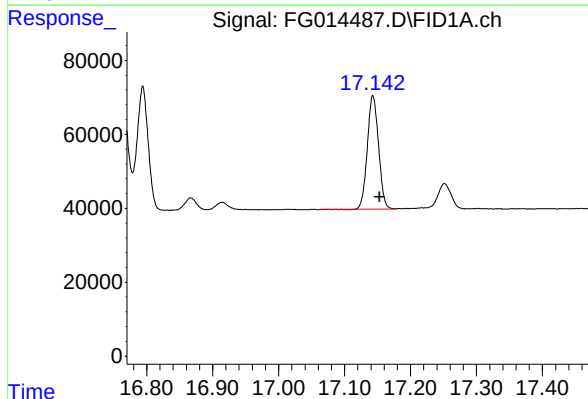
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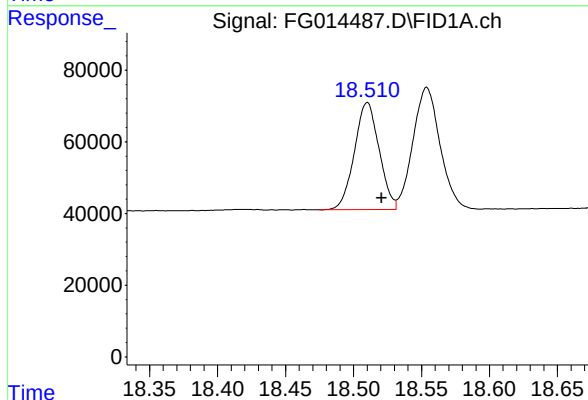
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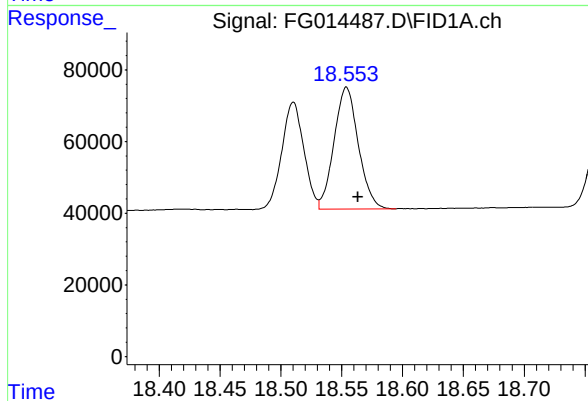
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.143 min
Delta R.T.: -0.010 min
Response: 363806
Conc: 2.55 ug/ml



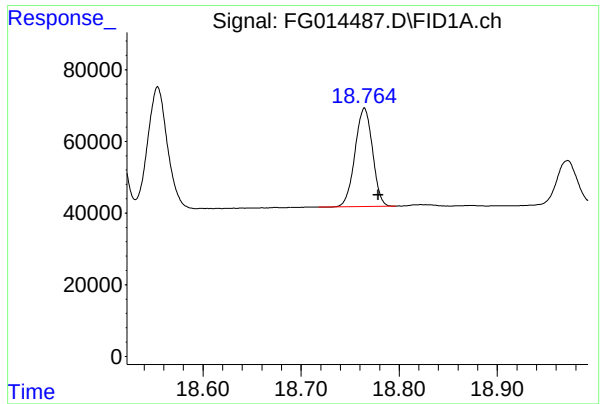
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.510 min
Delta R.T.: -0.011 min
Response: 377532
Conc: 2.83 ug/ml



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

R.T.: 18.554 min
Delta R.T.: -0.010 min
Response: 472129
Conc: 3.38 ug/ml



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

R.T.: 18.764 min
Delta R.T.: -0.014 min
Response: 341328
Conc: 2.45 ug/ml

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