

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014301.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 11:08
 Operator : YP\AJ
 Sample : P4104-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14-5-7.5B-EPH-3

Integration File: autoint1.e
 Quant Time: Sep 21 03:13:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 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...	7.872	5288007	47.266 ug/ml
Spiked Amount 50.000		Recovery =	94.53%
6) S 2-Fluorobiphenyl (SURR)	8.744	3295584	45.265 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.53%
11) S ortho-Terphenyl (SURR)	11.845	234103	1.737 ug/ml
Spiked Amount 50.000		Recovery =	3.47%
Target Compounds			
2) T Naphthalene (C11.7)	6.148	76152	0.604 ug/ml
3) T 2-Methylnaphthalene (...)	7.249	64907	0.510 ug/ml
5) T Acenaphthylene (C15.06)	8.544	429905	3.308 ug/ml
7) T Acenaphthene (C15.5)	8.840	568779	4.107 ug/ml
8) T Fluorene (C16.55)	9.638	99900	0.771 ug/ml
9) T Phenanthrene (C19.36)	11.041	1110554	9.189 ug/ml
10) T Anthracene (C19.43)	11.117	392235	2.827 ug/ml
12) T Fluoranthene (C21.85)	12.861	1882511	14.521 ug/ml
13) T Pyrene (C20.8)	13.196	318316	2.438 ug/ml
14) T Benzo[a]anthracene (C...	15.084	1340048	11.780 ug/ml
15) T Chrysene (C27.41)	15.084	1340048	9.480 ug/ml
16) T benzo[b]fluoranthene ...	16.606	1826965	15.940 ug/ml
17) T Bnezo[k]fluoranthene ...	16.735f	292316	2.174 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.985	1116626	8.986 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.406	220899	2.235 ug/ml
20) T Dibenz[a,h]anthracene...	18.446	52922	0.359 ug/ml
21) T Benzo[g,h,i]perylene ...	18.613	908003	6.947 ug/ml

(f)=RT Delta > 1/2 Window

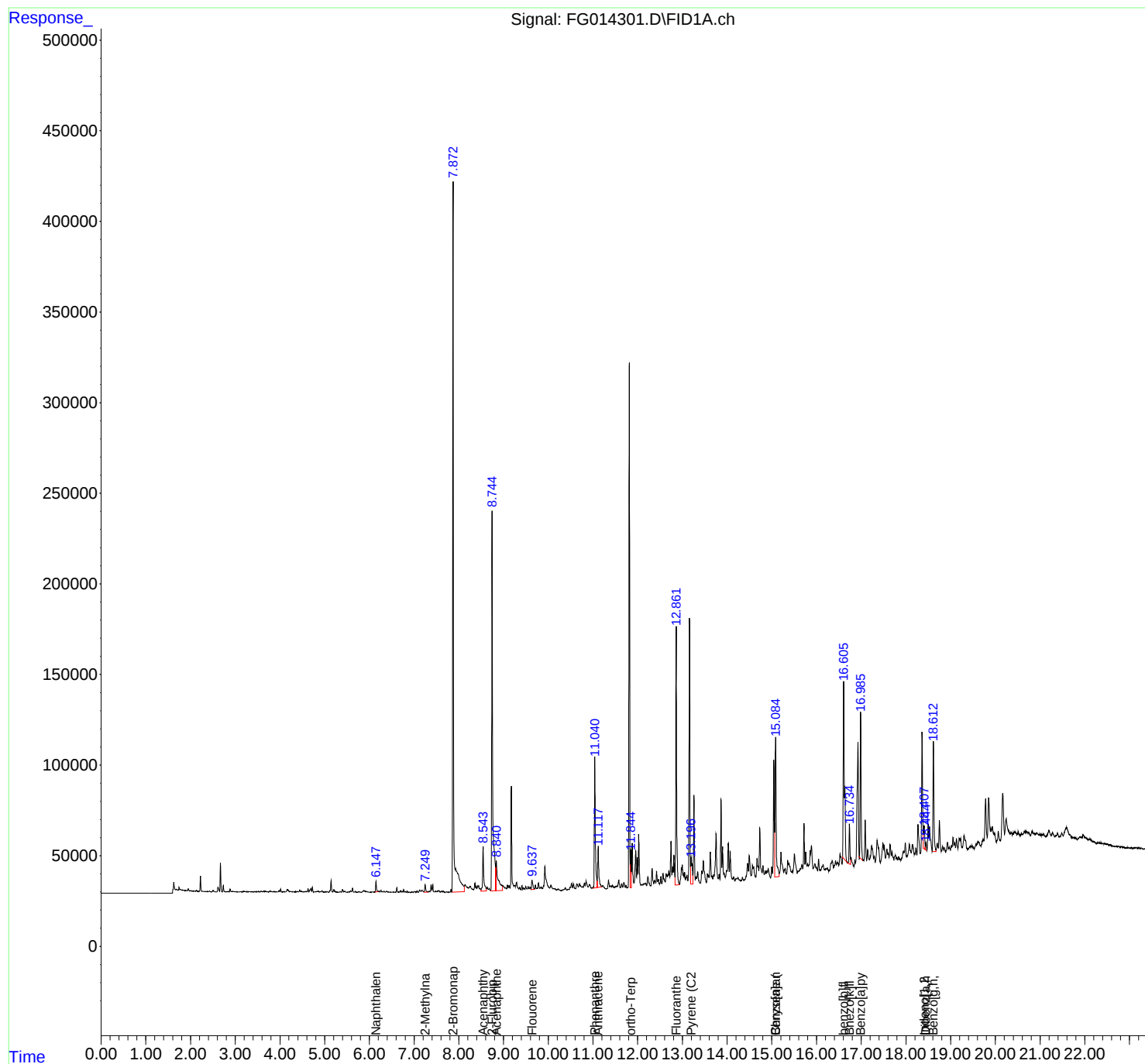
(m)=manual int.

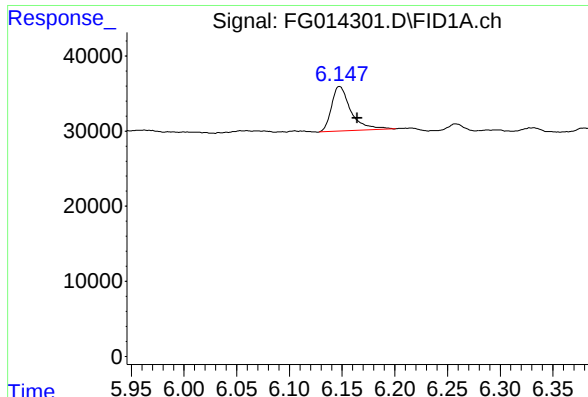
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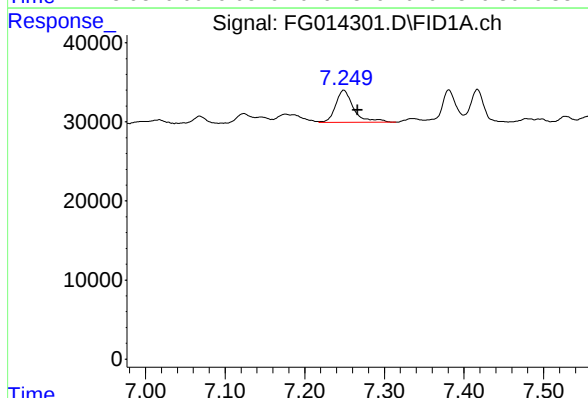




#2 Naphthalene (C11.7)

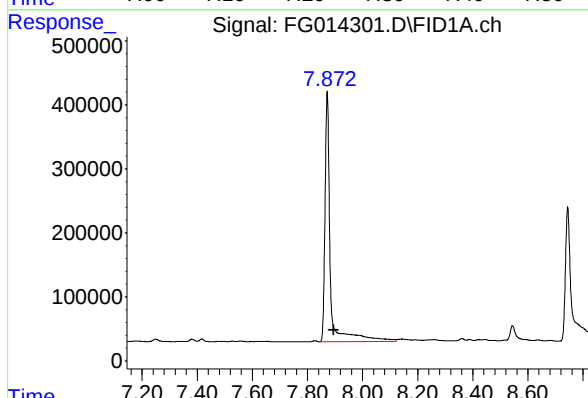
R.T.: 6.148 min
Delta R.T.: -0.016 min
Response: 76152
Conc: 0.60 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-5-7.5B-EPH-3



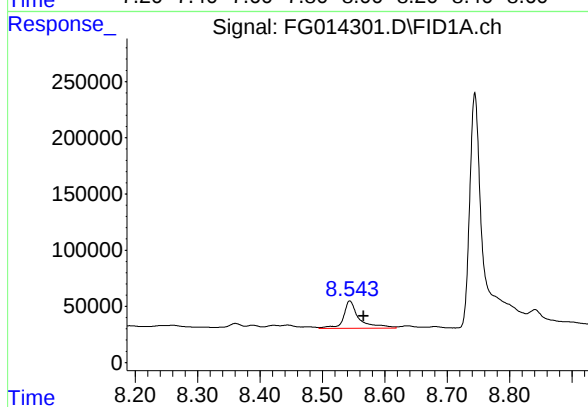
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.249 min
Delta R.T.: -0.017 min
Response: 64907
Conc: 0.51 ug/ml



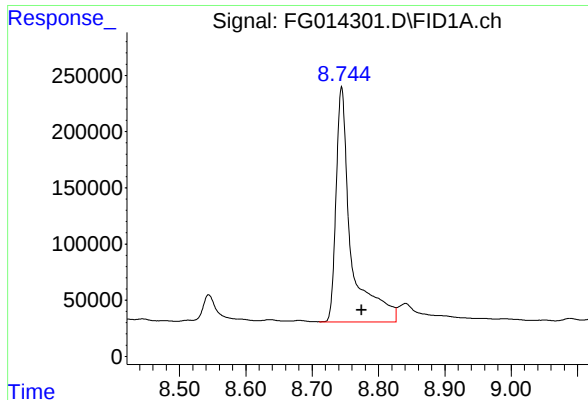
#4 2-Bromonaphthalene (SURR)

R.T.: 7.872 min
Delta R.T.: -0.024 min
Response: 5288007
Conc: 47.27 ug/ml



#5 Acenaphthylene (C15.06)

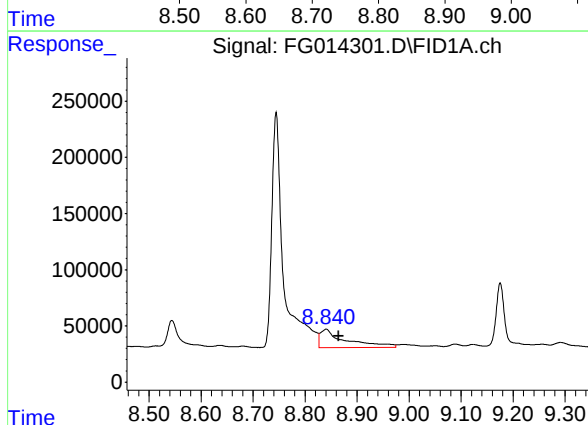
R.T.: 8.544 min
Delta R.T.: -0.022 min
Response: 429905
Conc: 3.31 ug/ml



#6 2-Fluorobiphenyl (SURR)

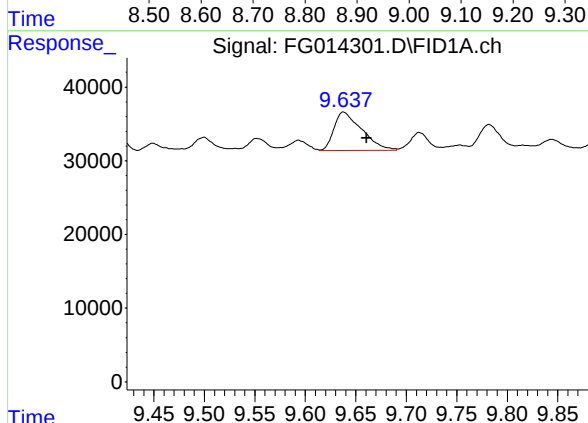
R.T.: 8.744 min
Delta R.T.: -0.030 min
Response: 3295584
Conc: 45.26 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-5-7.5B-EPH-3



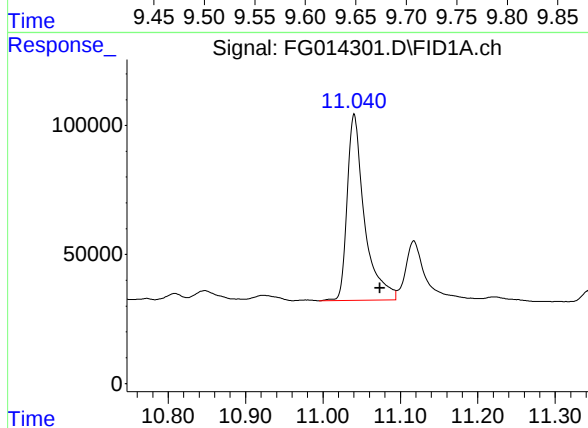
#7 Acenaphthene (C15.5)

R.T.: 8.840 min
Delta R.T.: -0.024 min
Response: 568779
Conc: 4.11 ug/ml



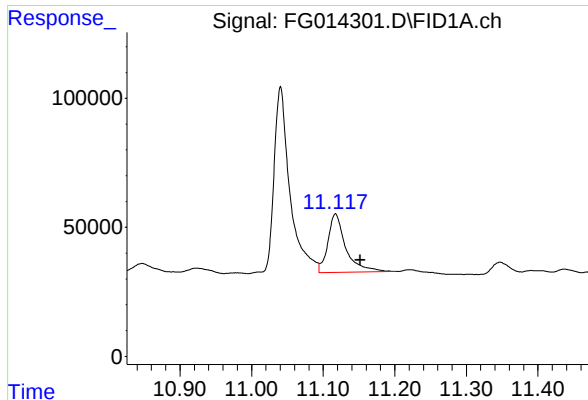
#8 Flouorene (C16.55)

R.T.: 9.638 min
Delta R.T.: -0.023 min
Response: 99900
Conc: 0.77 ug/ml



#9 Phenanthrene (C19.36)

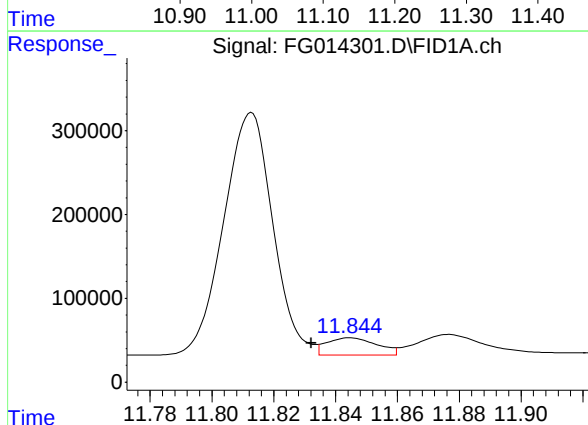
R.T.: 11.041 min
Delta R.T.: -0.033 min
Response: 1110554
Conc: 9.19 ug/ml



#10 Anthracene (C19.43)

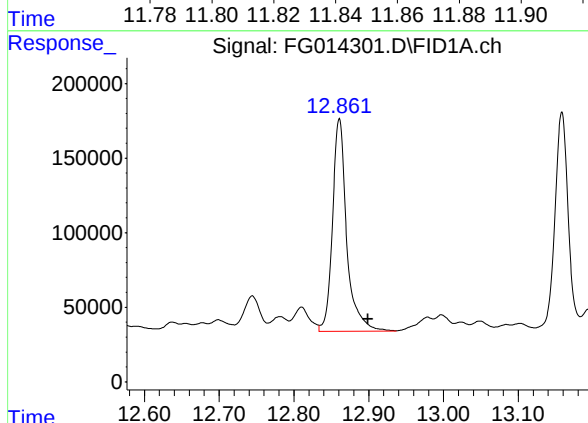
R.T.: 11.117 min
Delta R.T.: -0.035 min
Response: 392235
Conc: 2.83 ug/ml

Instrument :
FID_G
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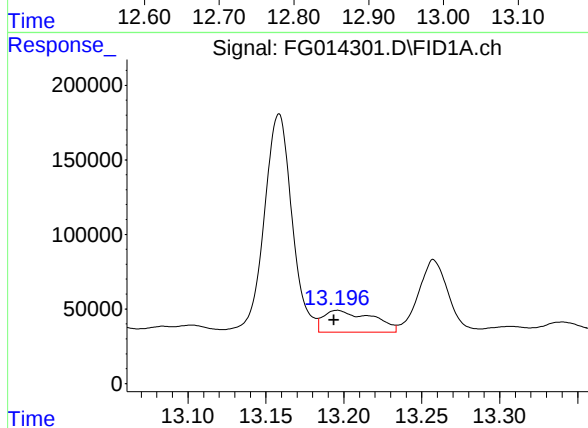
#11 ortho-Terphenyl (SURR)

R.T.: 11.845 min
Delta R.T.: 0.013 min
Response: 234103
Conc: 1.74 ug/ml



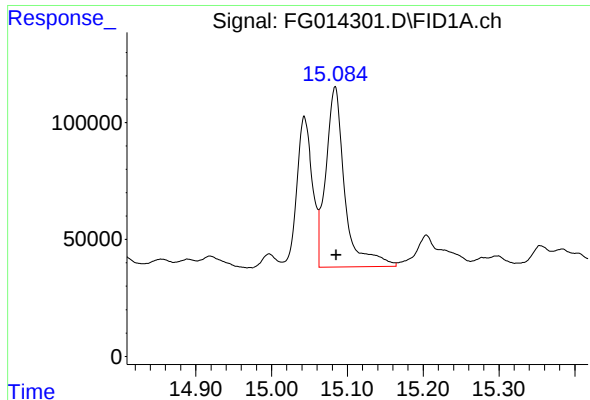
#12 Fluoranthene (C21.85)

R.T.: 12.861 min
Delta R.T.: -0.038 min
Response: 1882511
Conc: 14.52 ug/ml



#13 Pyrene (C20.8)

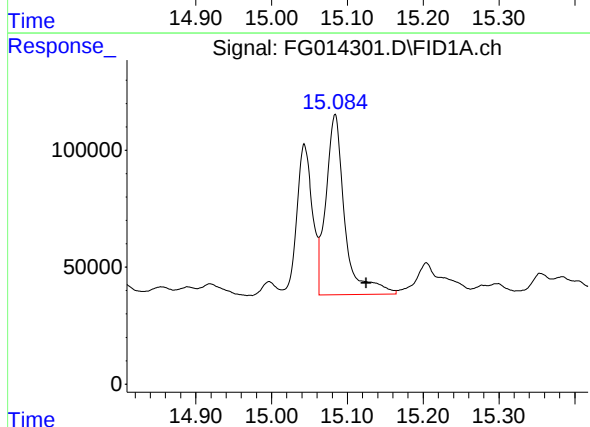
R.T.: 13.196 min
Delta R.T.: 0.002 min
Response: 318316
Conc: 2.44 ug/ml



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

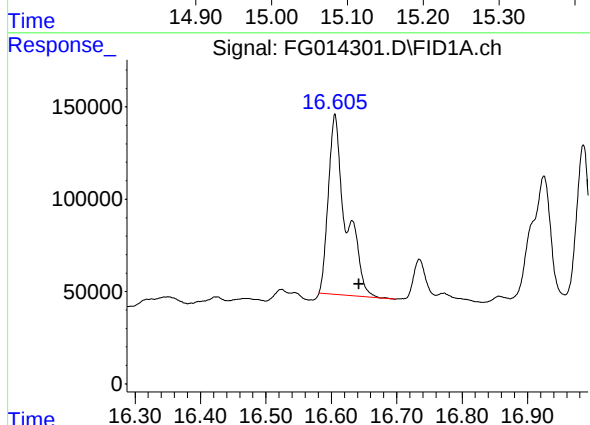
R.T.: 15.084 min
Delta R.T.: -0.002 min
Response: 1340048
Conc: 11.78 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-14-5-7.5B-EPH-3



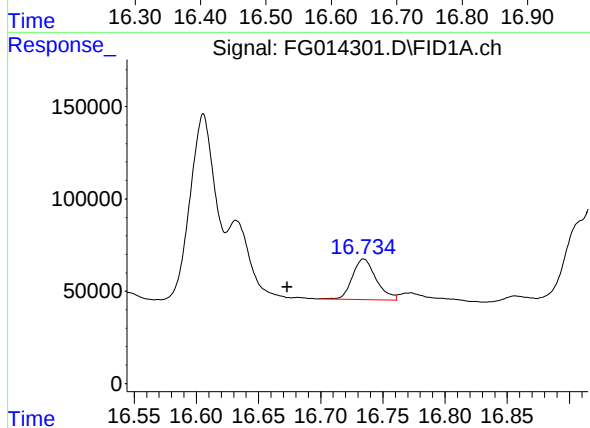
#15 Chrysene (C27.41)

R.T.: 15.084 min
Delta R.T.: -0.041 min
Response: 1340048
Conc: 9.48 ug/ml



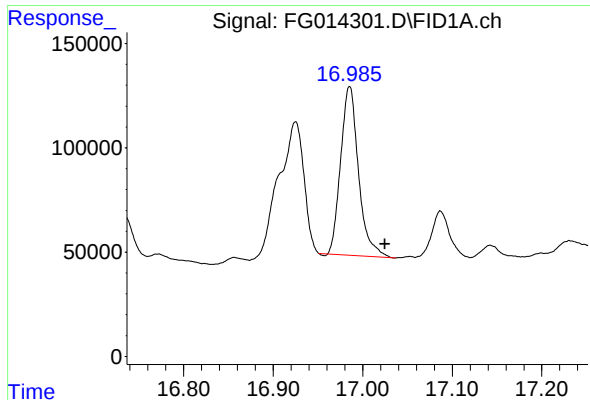
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.606 min
Delta R.T.: -0.037 min
Response: 1826965
Conc: 15.94 ug/ml



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

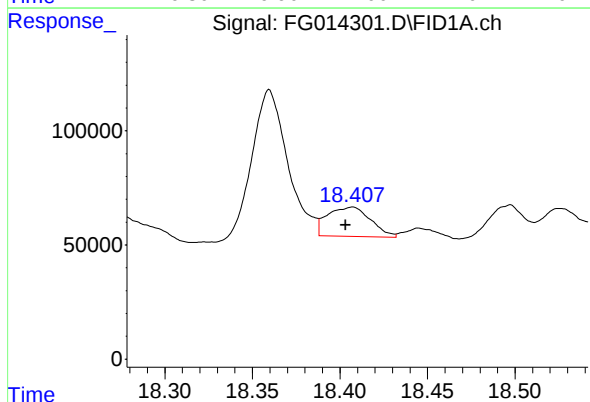
R.T.: 16.735 min
Delta R.T.: 0.061 min
Response: 292316
Conc: 2.17 ug/ml



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

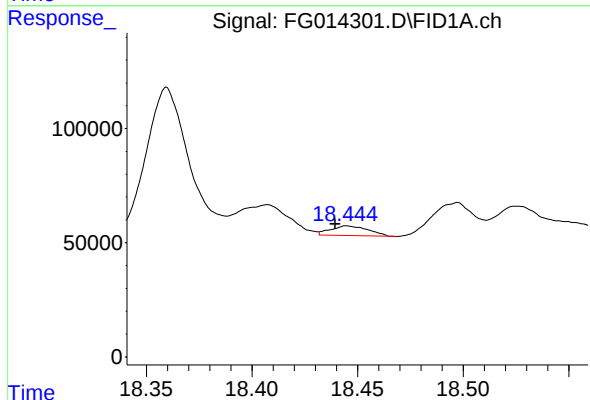
R.T.: 16.985 min
Delta R.T.: -0.040 min
Response: 1116626
Conc: 8.99 ug/ml

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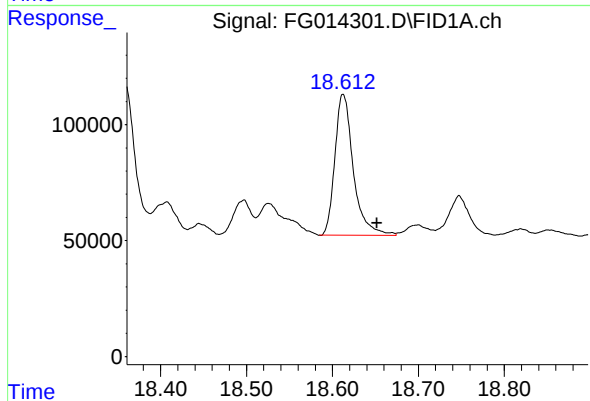
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.406 min
Delta R.T.: 0.003 min
Response: 220899
Conc: 2.23 ug/ml



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

R.T.: 18.446 min
Delta R.T.: 0.006 min
Response: 52922
Conc: 0.36 ug/ml



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

R.T.: 18.613 min
Delta R.T.: -0.039 min
Response: 908003
Conc: 6.95 ug/ml