

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090825AR\
 Data File : FG016566.D
 Signal(s) : FID1A.ch
 Acq On : 08 Sep 2025 14:24
 Operator : YP\AJ
 Sample : Q2893-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 09 03:58:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 05:03:16 2025
 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...	8.106	4772534	42.293 ug/ml
Spiked Amount 50.000		Recovery =	84.59%
6) S 2-Fluorobiphenyl (SURR)	8.991	2300540	29.483 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	58.97%
11) S ortho-Terphenyl (SURR)	12.073	5255095	39.454 ug/ml
Spiked Amount 50.000		Recovery =	78.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.689	184769	1.508 ug/ml
2) T Naphthalene (C11.7)	6.373	217062	1.674 ug/ml
3) T 2-Methylnaphthalene (...)	7.476	198451	1.502 ug/ml
5) T Acenaphthylene (C15.06)	8.787	235737	1.801 ug/ml
7) T Acenaphthene (C15.5)	9.088	358378	2.750 ug/ml
8) T Flouorene (C16.55)	9.885	258716	1.982 ug/ml
9) T Phenanthrene (C19.36)	11.303	240773	1.845 ug/ml
10) T Anthracene (C19.43)	11.379	280585	2.147 ug/ml
12) T Fluoranthene (C21.85)	13.136	276271	2.106 ug/ml
13) T Pyrene (C20.8)	13.438	270152	2.080 ug/ml
14) T Benzo[a]anthracene (C...	15.335	232356	1.815 ug/ml
15) T Chrysene (C27.41)	15.377	352857	2.735 ug/ml
16) T benzo[b]fluoranthene ...	16.904	226611	1.770 ug/ml
17) T Bnezo[k]fluoranthene ...	16.935	328934	2.738 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.290	259714	2.084 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.674	217278	1.889 ug/ml
20) T Dibenz[a,h]anthracene...	18.709	296418	2.455 ug/ml
21) T Benzo[g,h,i]perylene ...	18.926	265423	2.223 ug/ml

(f)=RT Delta > 1/2 Window

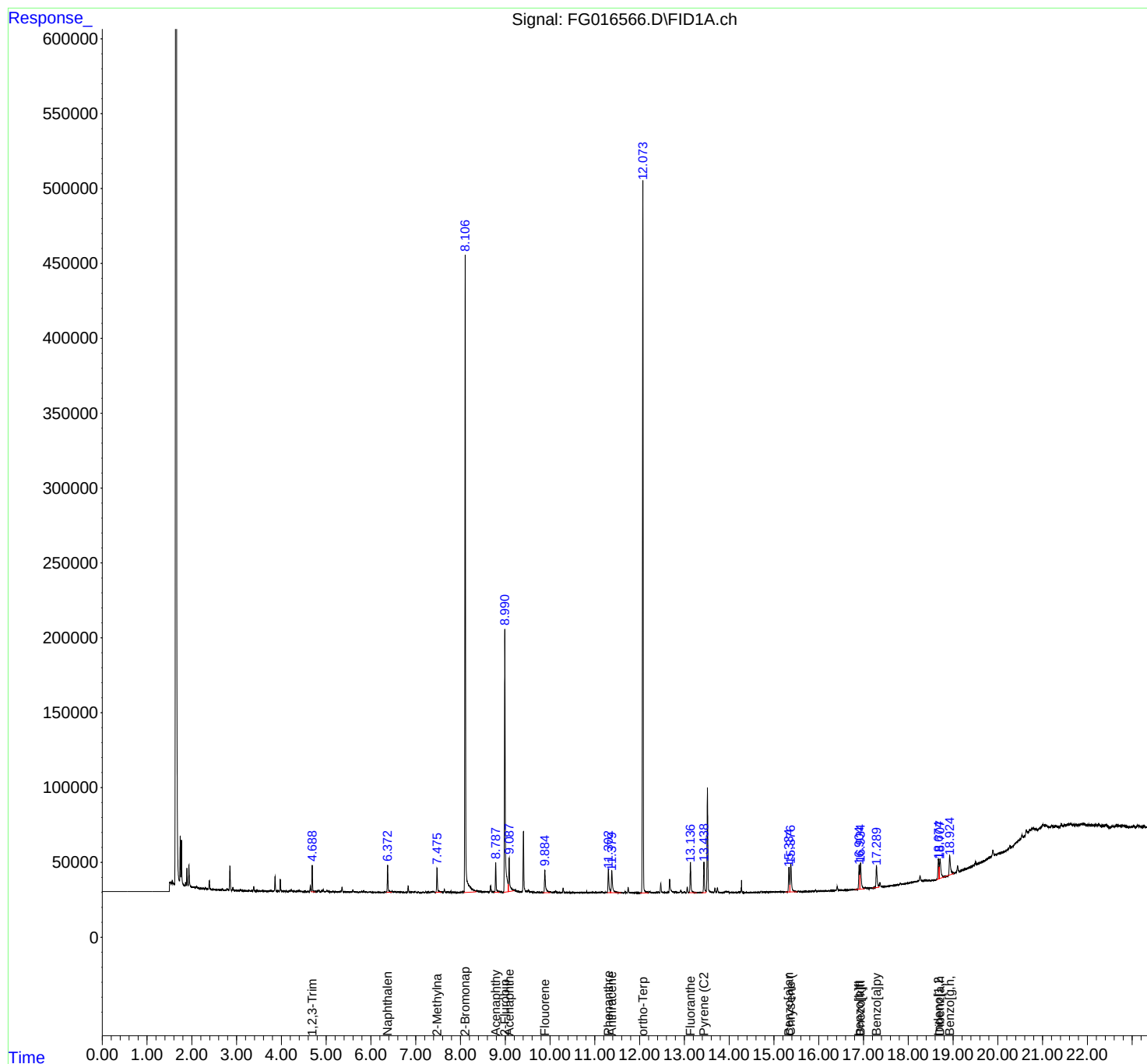
(m)=manual int.

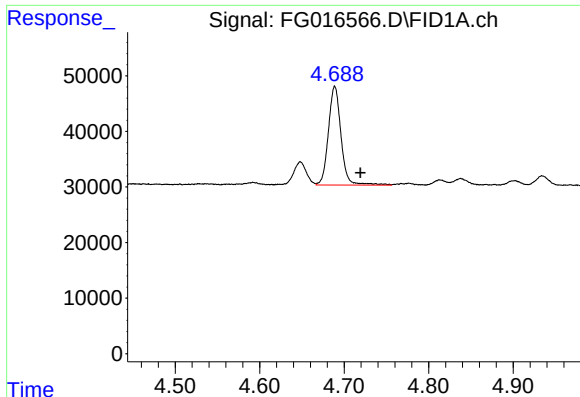
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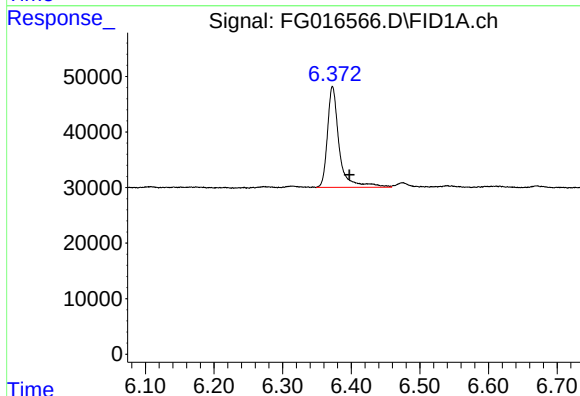




#1 1,2,3-Trimethylbenzene (C10.1)

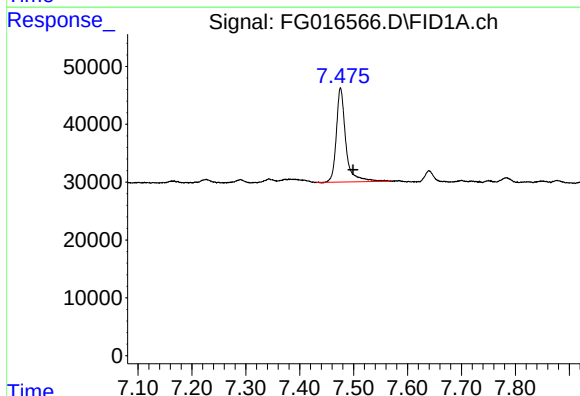
R.T.: 4.689 min
Delta R.T.: -0.030 min
Response: 184769
Conc: 1.51 ug/ml

Instrument :
FID_E
ClientSampleId :



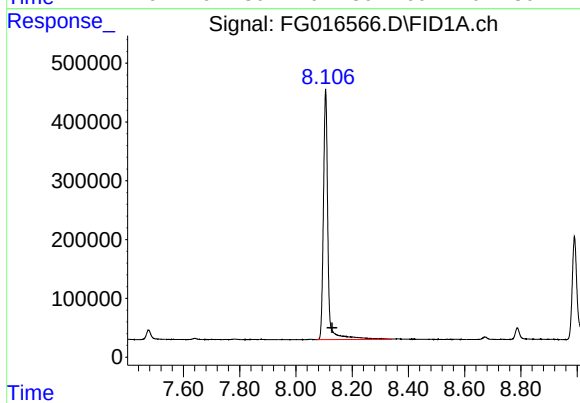
#2 Naphthalene (C11.7)

R.T.: 6.373 min
Delta R.T.: -0.024 min
Response: 217062
Conc: 1.67 ug/ml



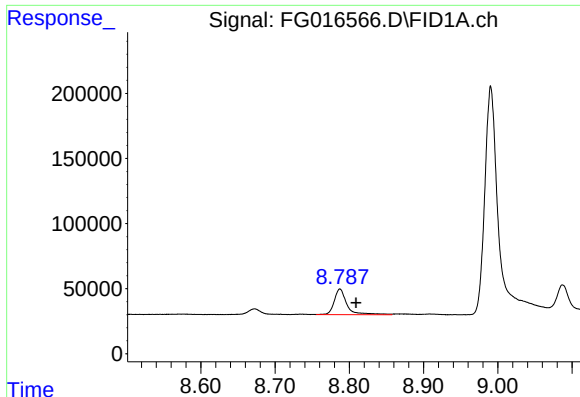
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.476 min
Delta R.T.: -0.023 min
Response: 198451
Conc: 1.50 ug/ml



#4 2-Bromonaphthalene (SURR)

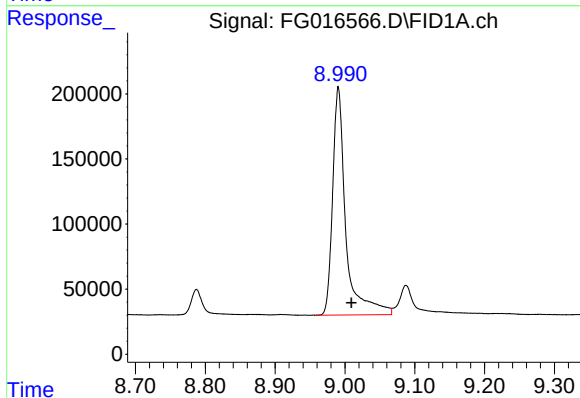
R.T.: 8.106 min
Delta R.T.: -0.023 min
Response: 4772534
Conc: 42.29 ug/ml



#5 Acenaphthylene (C15.06)

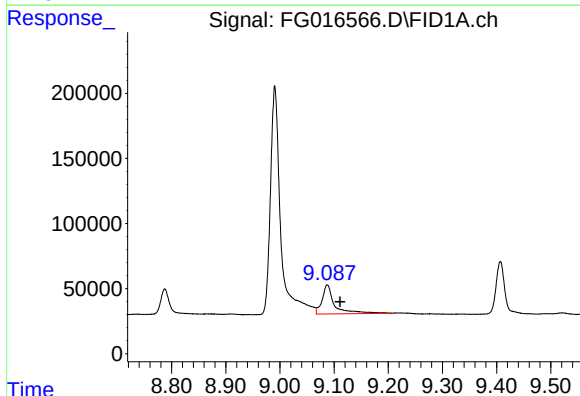
R.T.: 8.787 min
Delta R.T.: -0.022 min
Response: 235737
Conc: 1.80 ug/ml

Instrument :
FID_E
ClientSampleId :



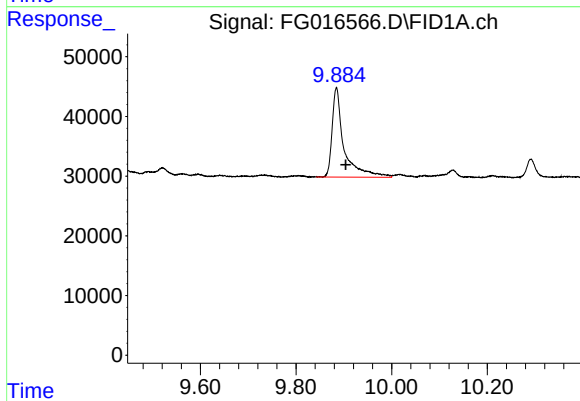
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.991 min
Delta R.T.: -0.019 min
Response: 2300540
Conc: 29.48 ug/ml



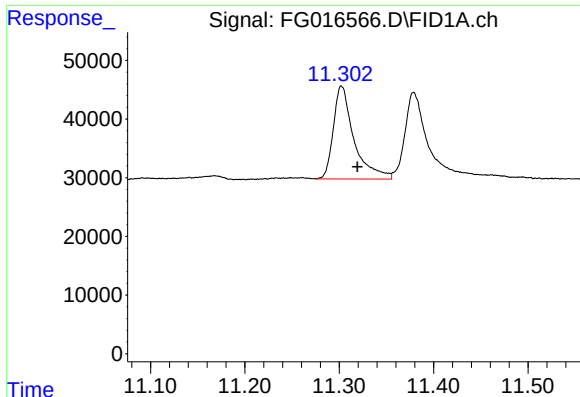
#7 Acenaphthene (C15.5)

R.T.: 9.088 min
Delta R.T.: -0.023 min
Response: 358378
Conc: 2.75 ug/ml



#8 Fluorene (C16.55)

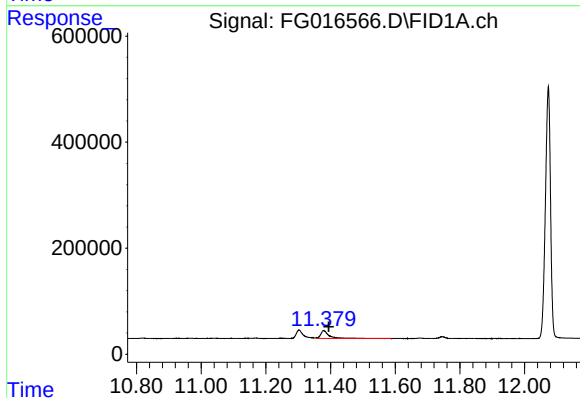
R.T.: 9.885 min
Delta R.T.: -0.019 min
Response: 258716
Conc: 1.98 ug/ml



#9 Phenanthrene (C19.36)

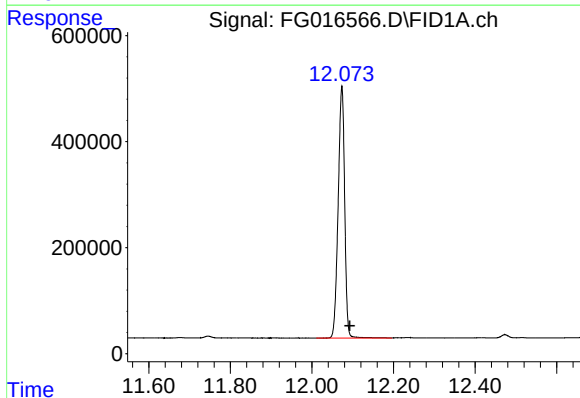
R.T.: 11.303 min
Delta R.T.: -0.017 min
Response: 240773
Conc: 1.85 ug/ml

Instrument :
FID_E
ClientSampleId :



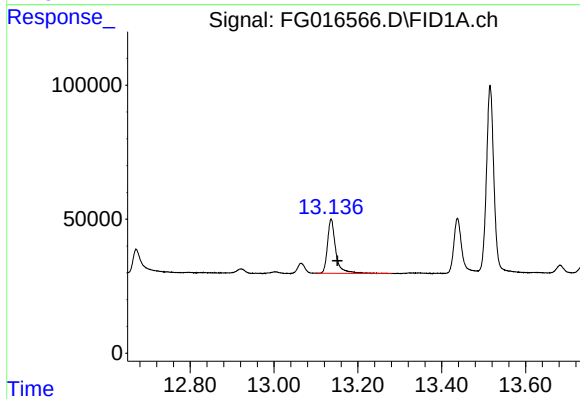
#10 Anthracene (C19.43)

R.T.: 11.379 min
Delta R.T.: -0.015 min
Response: 280585
Conc: 2.15 ug/ml



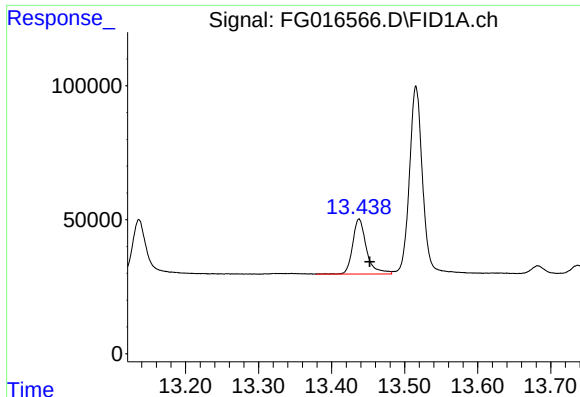
#11 ortho-Terphenyl (SURR)

R.T.: 12.073 min
Delta R.T.: -0.020 min
Response: 5255095
Conc: 39.45 ug/ml



#12 Fluoranthene (C21.85)

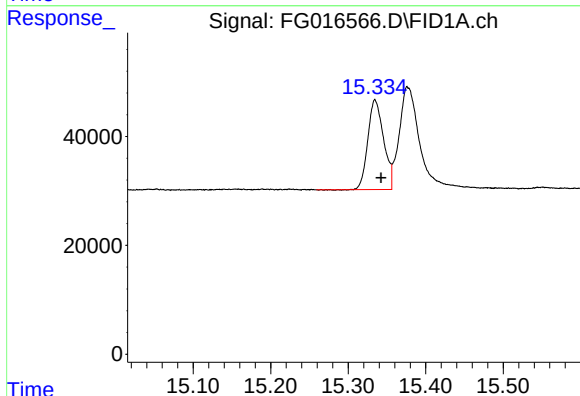
R.T.: 13.136 min
Delta R.T.: -0.015 min
Response: 276271
Conc: 2.11 ug/ml



#13 Pyrene (C20.8)

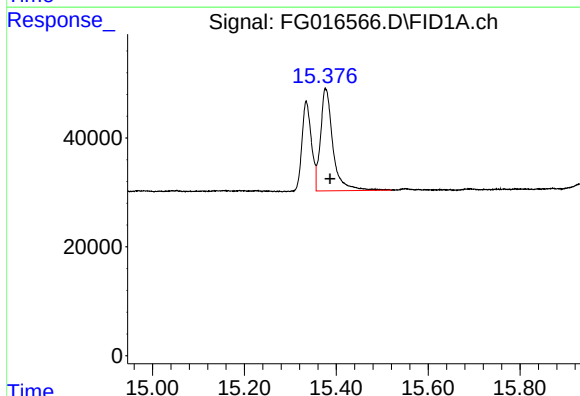
R.T.: 13.438 min
Delta R.T.: -0.015 min
Response: 270152
Conc: 2.08 ug/ml

Instrument :
FID_E
ClientSampleId :



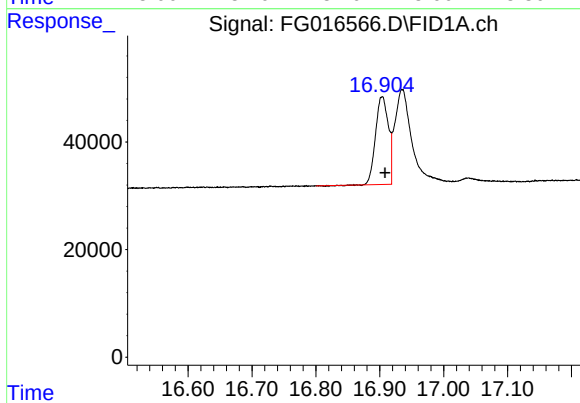
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.335 min
Delta R.T.: -0.008 min
Response: 232356
Conc: 1.82 ug/ml



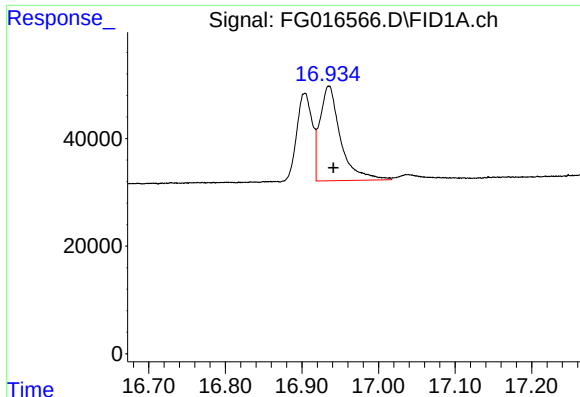
#15 Chrysene (C27.41)

R.T.: 15.377 min
Delta R.T.: -0.009 min
Response: 352857
Conc: 2.73 ug/ml



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

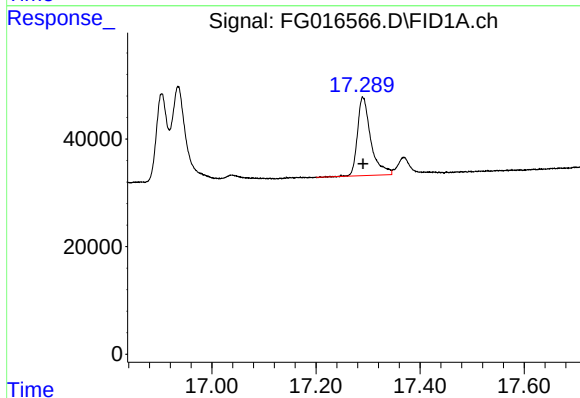
R.T.: 16.904 min
Delta R.T.: -0.005 min
Response: 226611
Conc: 1.77 ug/ml



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

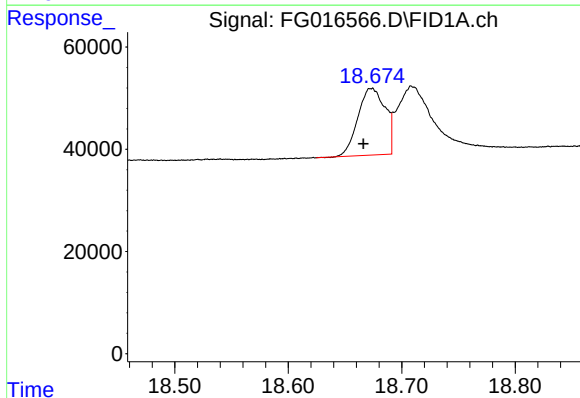
R.T.: 16.935 min
Delta R.T.: -0.006 min
Response: 328934
Conc: 2.74 ug/ml

Instrument :
FID_E
ClientSampleId :



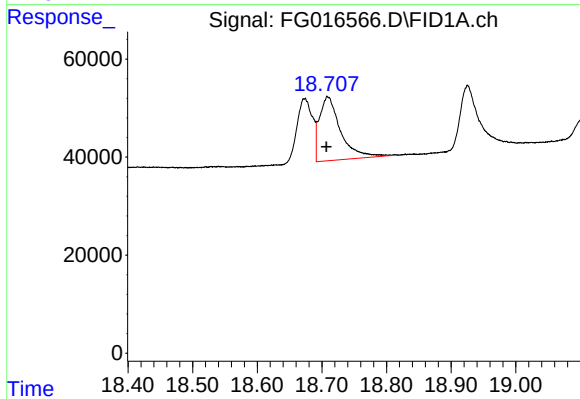
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.290 min
Delta R.T.: 0.000 min
Response: 259714
Conc: 2.08 ug/ml



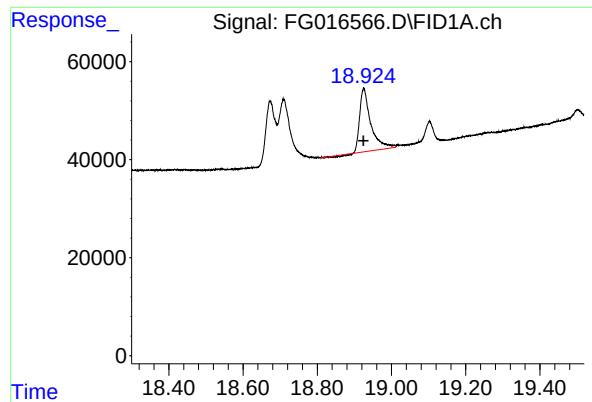
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.674 min
Delta R.T.: 0.008 min
Response: 217278
Conc: 1.89 ug/ml



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

R.T.: 18.709 min
Delta R.T.: 0.002 min
Response: 296418
Conc: 2.45 ug/ml



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

R.T.: 18.926 min
Delta R.T.: 0.002 min
Response: 265423
Conc: 2.22 ug/ml

Instrument :

FID_E

ClientSampleId :