

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100423AR\
 Data File : FD046642.D
 Signal(s) : FID2B.ch
 Acq On : 04 Oct 2023 21:23
 Operator : YP/AJ
 Sample : 04695-06MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 05 00:16:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 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...	7.491	9269349	52.599 ug/ml
Spiked Amount 50.000		Recovery =	105.20%
6) S 2-Fluorobiphenyl (SURR)	8.345	6026107	52.012 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.02%
11) S ortho-Terphenyl (SURR)	11.382	8251068	40.500 ug/ml
Spiked Amount 50.000		Recovery =	81.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	7782699	42.137 ug/ml
2) T Naphthalene (C11.7)	5.830	9014505	46.651 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	9448760	48.759 ug/ml
5) T Acenaphthylene (C15.06)	8.150	10245194	58.104 ug/ml
7) T Acenaphthene (C15.5)	8.446	10116950	53.844 ug/ml
8) T Fluorene (C16.55)	9.225	10662611	59.109 ug/ml
9) T Phenanthrene (C19.36)	10.614	11017091	62.659 ug/ml
10) T Anthracene (C19.43)	10.690	10856361	70.682 ug/ml
12) T Fluoranthene (C21.85)	12.419	11149157	65.414 ug/ml
13) T Pyrene (C20.8)	12.714	11192118	68.224 ug/ml
14) T Benzo[a]anthracene (C...	14.578	10124343	72.506 ug/ml
15) T Chrysene (C27.41)	14.623	10034196	66.100 ug/ml
16) T benzo[b]fluoranthene ...	16.120	9559492	69.692 ug/ml
17) T Bnezo[k]fluoranthene ...	16.158	9517276	68.705 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.497	9059847	67.723 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.857	9450652	75.395 ug/ml
20) T Dibenz[a,h]anthracene...	17.897	8459986	63.575 ug/ml
21) T Benzo[g,h,i]perylene ...	18.112	8619074	65.359 ug/ml

(f)=RT Delta > 1/2 Window

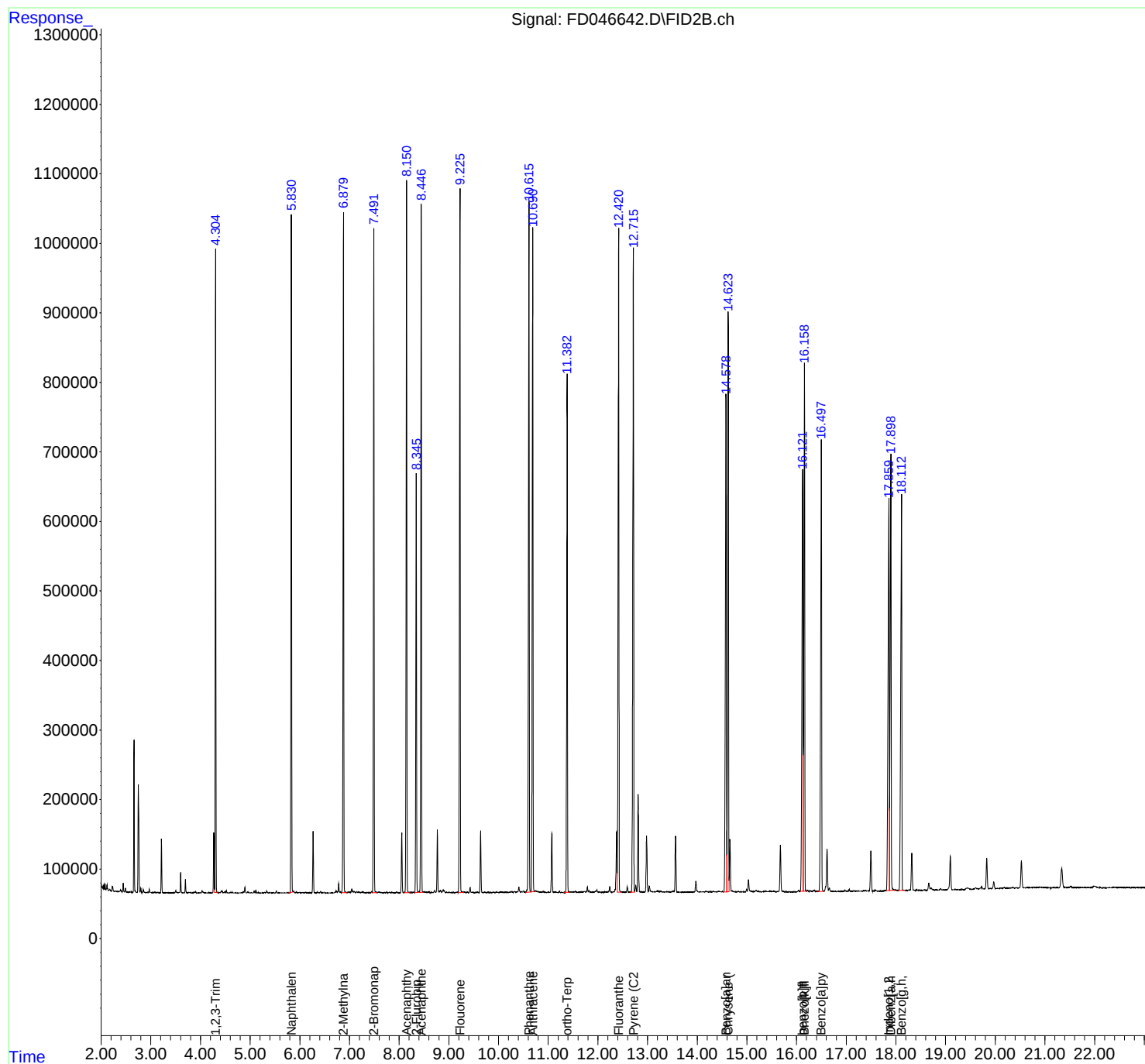
(m)=manual int.

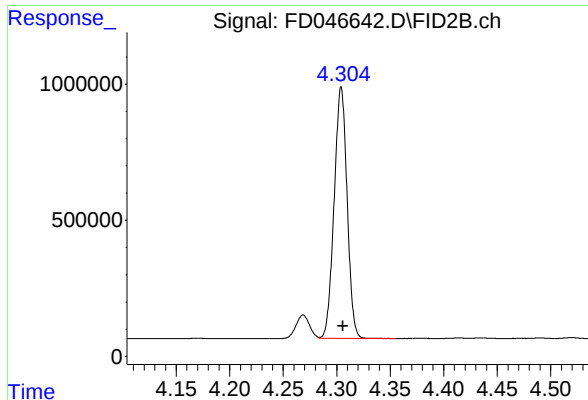
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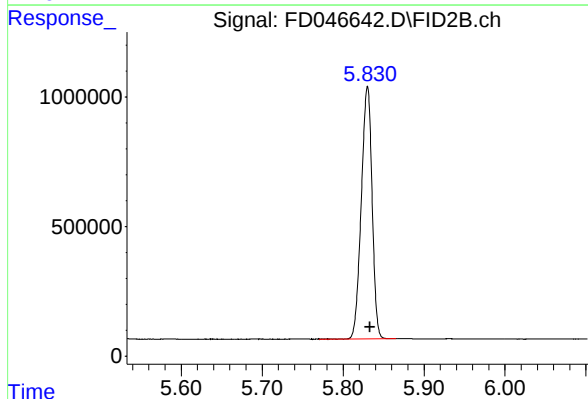




#1 1,2,3-Trimethylbenzene (C10.1)

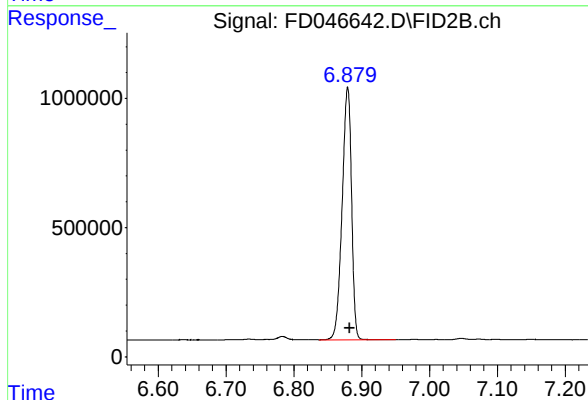
R.T.: 4.304 min
Delta R.T.: -0.002 min
Response: 7782699
Conc: 42.14 ug/ml

Instrument :
FID_D
ClientSampleId :



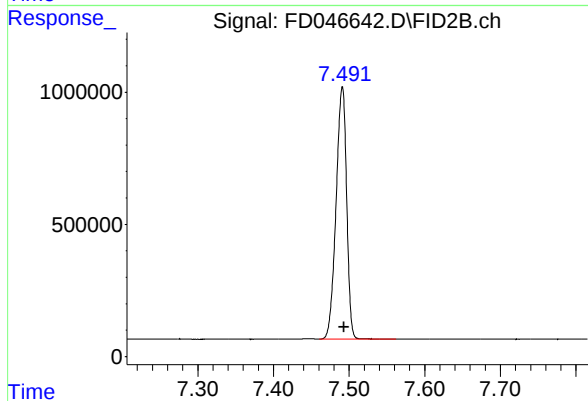
#2 Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 9014505
Conc: 46.65 ug/ml



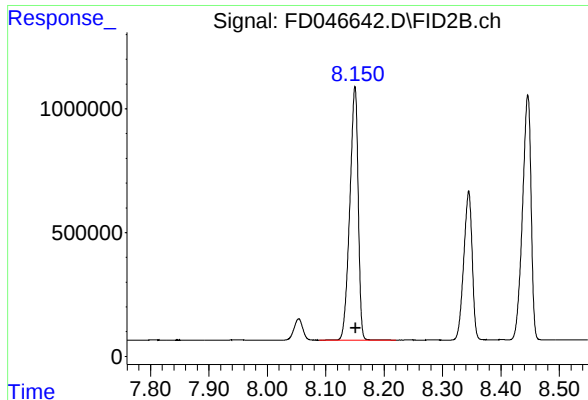
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 9448760
Conc: 48.76 ug/ml



#4 2-Bromonaphthalene (SURR)

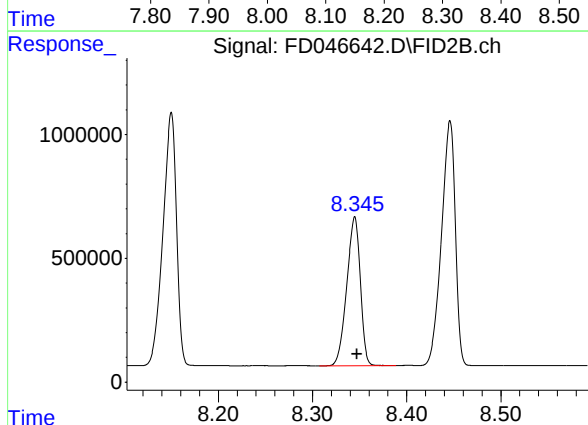
R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 9269349
Conc: 52.60 ug/ml



#5 Acenaphthylene (C15.06)

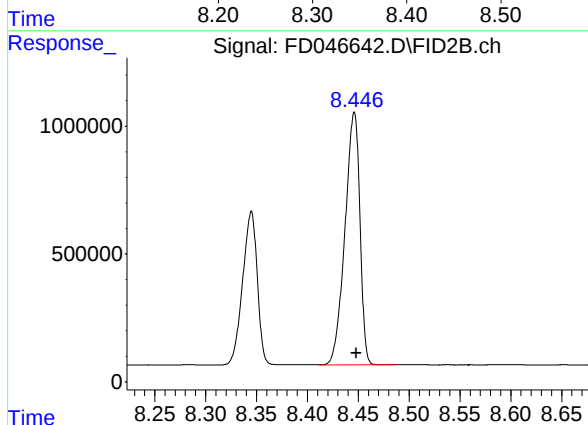
R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 10245194
Conc: 58.10 ug/ml

Instrument :
FID_D
ClientSampleId :



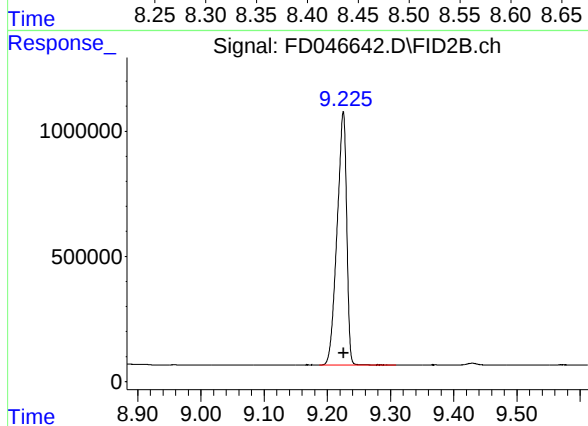
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: -0.003 min
Response: 6026107
Conc: 52.01 ug/ml



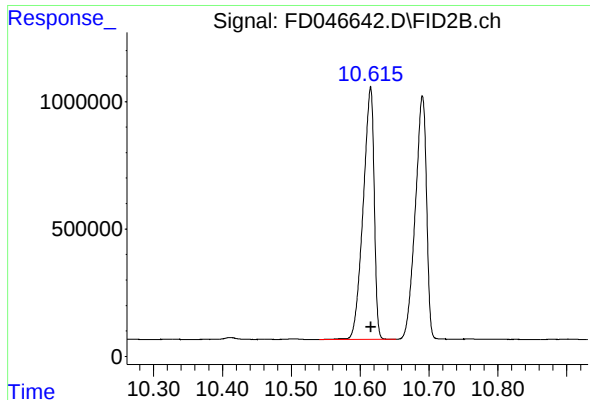
#7 Acenaphthene (C15.5)

R.T.: 8.446 min
Delta R.T.: -0.002 min
Response: 10116950
Conc: 53.84 ug/ml



#8 Flouorene (C16.55)

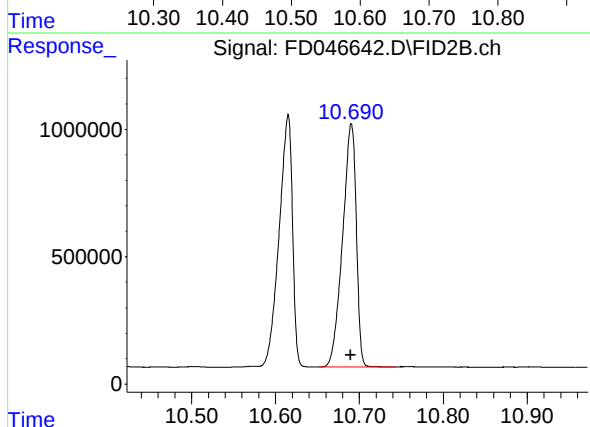
R.T.: 9.225 min
Delta R.T.: -0.001 min
Response: 10662611
Conc: 59.11 ug/ml



#9 Phenanthrene (C19.36)

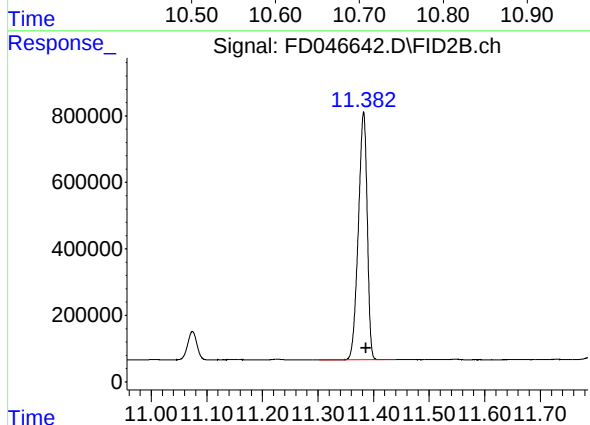
R.T.: 10.614 min
Delta R.T.: -0.001 min
Response: 11017091
Conc: 62.66 ug/ml

Instrument :
FID_D
ClientSampleId :



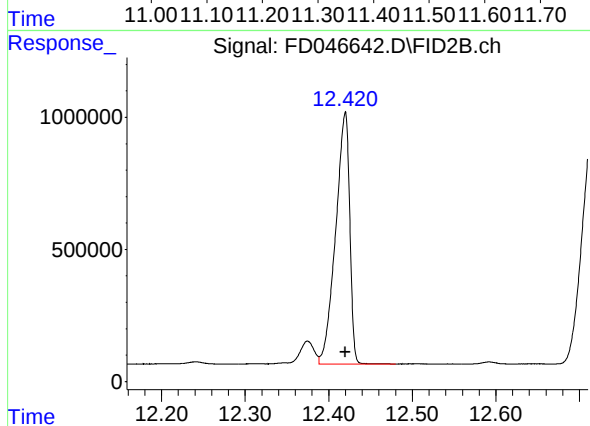
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: 0.000 min
Response: 10856361
Conc: 70.68 ug/ml



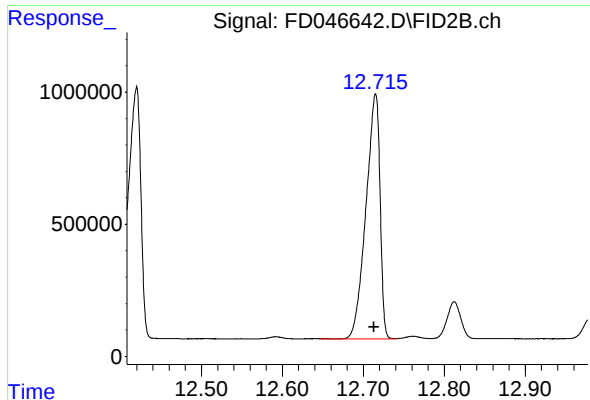
#11 ortho-Terphenyl (SURRE)

R.T.: 11.382 min
Delta R.T.: -0.005 min
Response: 8251068
Conc: 40.50 ug/ml



#12 Fluoranthene (C21.85)

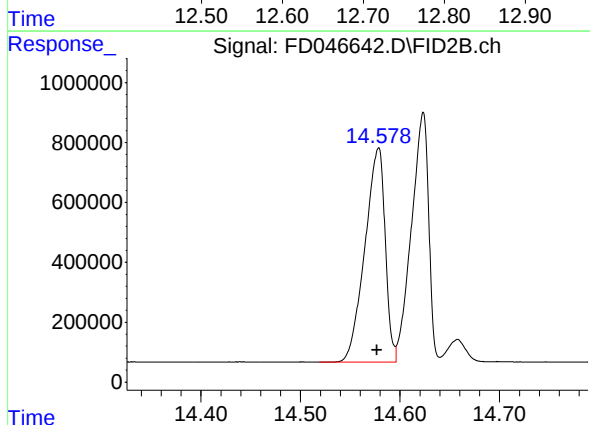
R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 11149157
Conc: 65.41 ug/ml



#13 Pyrene (C20.8)

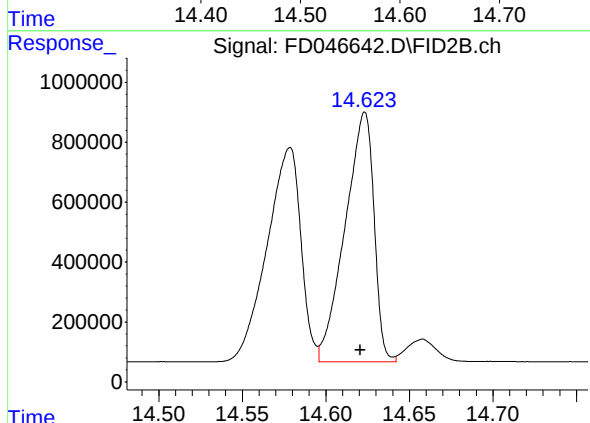
R.T.: 12.714 min
Delta R.T.: 0.000 min
Response: 11192118
Conc: 68.22 ug/ml

Instrument :
FID_D
ClientSampleId :



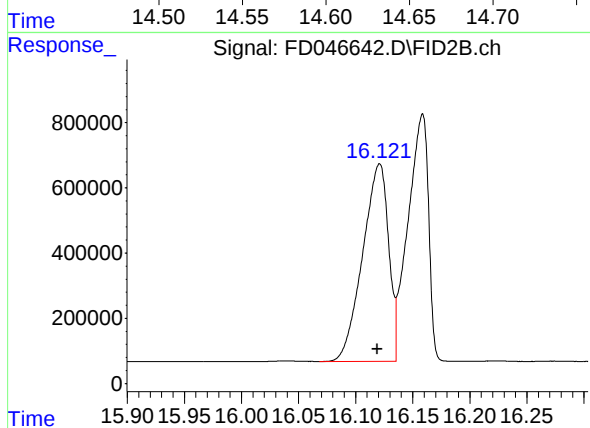
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: 0.000 min
Response: 10124343
Conc: 72.51 ug/ml



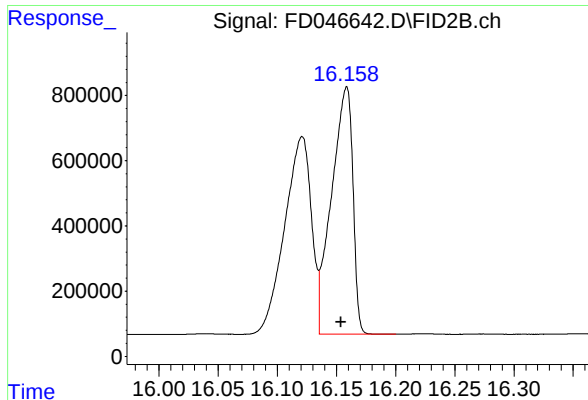
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: 0.002 min
Response: 10034196
Conc: 66.10 ug/ml



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

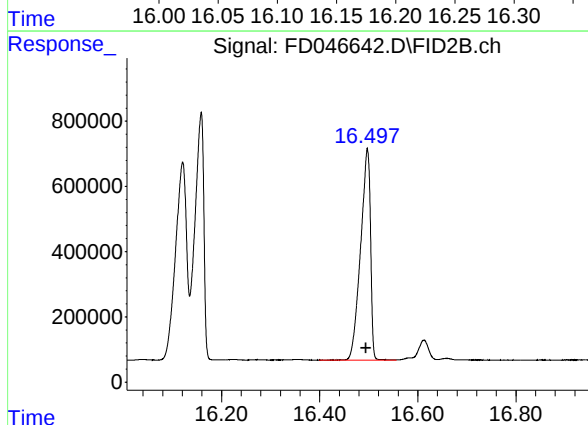
R.T.: 16.120 min
Delta R.T.: 0.002 min
Response: 9559492
Conc: 69.69 ug/ml



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

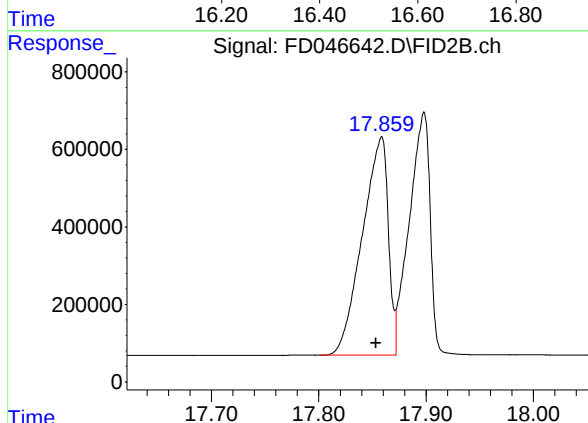
R.T.: 16.158 min
Delta R.T.: 0.004 min
Response: 9517276
Conc: 68.70 ug/ml

Instrument :
FID_D
ClientSampleId :



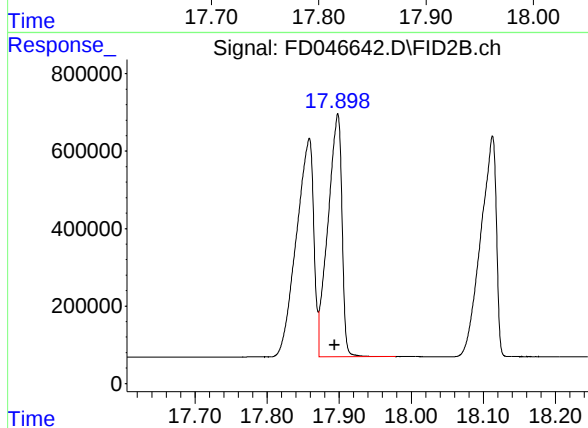
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.497 min
Delta R.T.: 0.002 min
Response: 9059847
Conc: 67.72 ug/ml



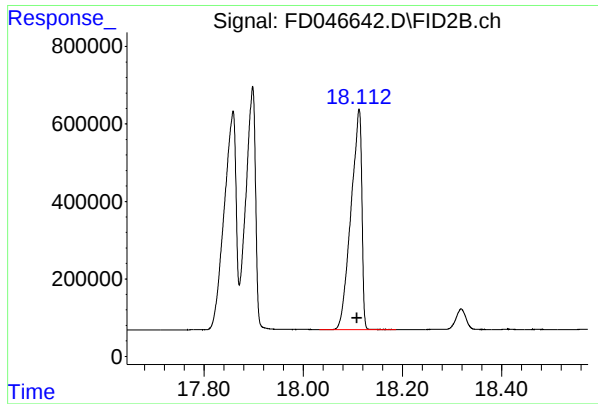
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.857 min
Delta R.T.: 0.004 min
Response: 9450652
Conc: 75.39 ug/ml



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

R.T.: 17.897 min
Delta R.T.: 0.003 min
Response: 8459986
Conc: 63.58 ug/ml



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

R.T.: 18.112 min
Delta R.T.: 0.004 min
Response: 8619074
Conc: 65.36 ug/ml

Instrument :
FID_D
ClientSampleId :