

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091324AR\
 Data File : FD048305.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2024 13:27
 Operator : YP/AJ
 Sample : PB163367BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 01:17:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.390	7951090	52.427 ug/ml
Spiked Amount 50.000		Recovery =	104.85%
6) S 2-Fluorobiphenyl (SURR)	8.240	5031551	52.659 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.32%
11) S ortho-Terphenyl (SURR)	11.276	7280119	42.432 ug/ml
Spiked Amount 50.000		Recovery =	84.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.211	6733648	38.171 ug/ml
2) T Naphthalene (C11.7)	5.730	7517215	41.569 ug/ml
3) T 2-Methylnaphthalene (...)	6.777	7673605	42.891 ug/ml
5) T Acenaphthylene (C15.06)	8.044	7946886	45.485 ug/ml
7) T Acenaphthene (C15.5)	8.339	7927441	44.573 ug/ml
8) T Flouorene (C16.55)	9.117	8012927	47.853 ug/ml
9) T Phenanthrene (C19.36)	10.504	8083075	50.066 ug/ml
10) T Anthracene (C19.43)	10.580	7978292	50.137 ug/ml
12) T Fluoranthene (C21.85)	12.309	9609580	59.277 ug/ml
13) T Pyrene (C20.8)	12.603	8393582	52.349 ug/ml
14) T Benzo[a]anthracene (C...	14.471	7699212	54.964 ug/ml
15) T Chrysene (C27.41)	14.514	7682223	46.639 ug/ml
16) T benzo[b]fluoranthene ...	16.018	7757502	52.212 ug/ml
17) T Bnezo[k]fluoranthene ...	16.053	7951593	51.629 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.394	7511028	50.766 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.759	7165165	63.412 ug/ml
20) T Dibenz[a,h]anthracene...	17.796	7389034	48.417 ug/ml
21) T Benzo[g,h,i]perylene ...	18.010	7000274	47.491 ug/ml

(f)=RT Delta > 1/2 Window

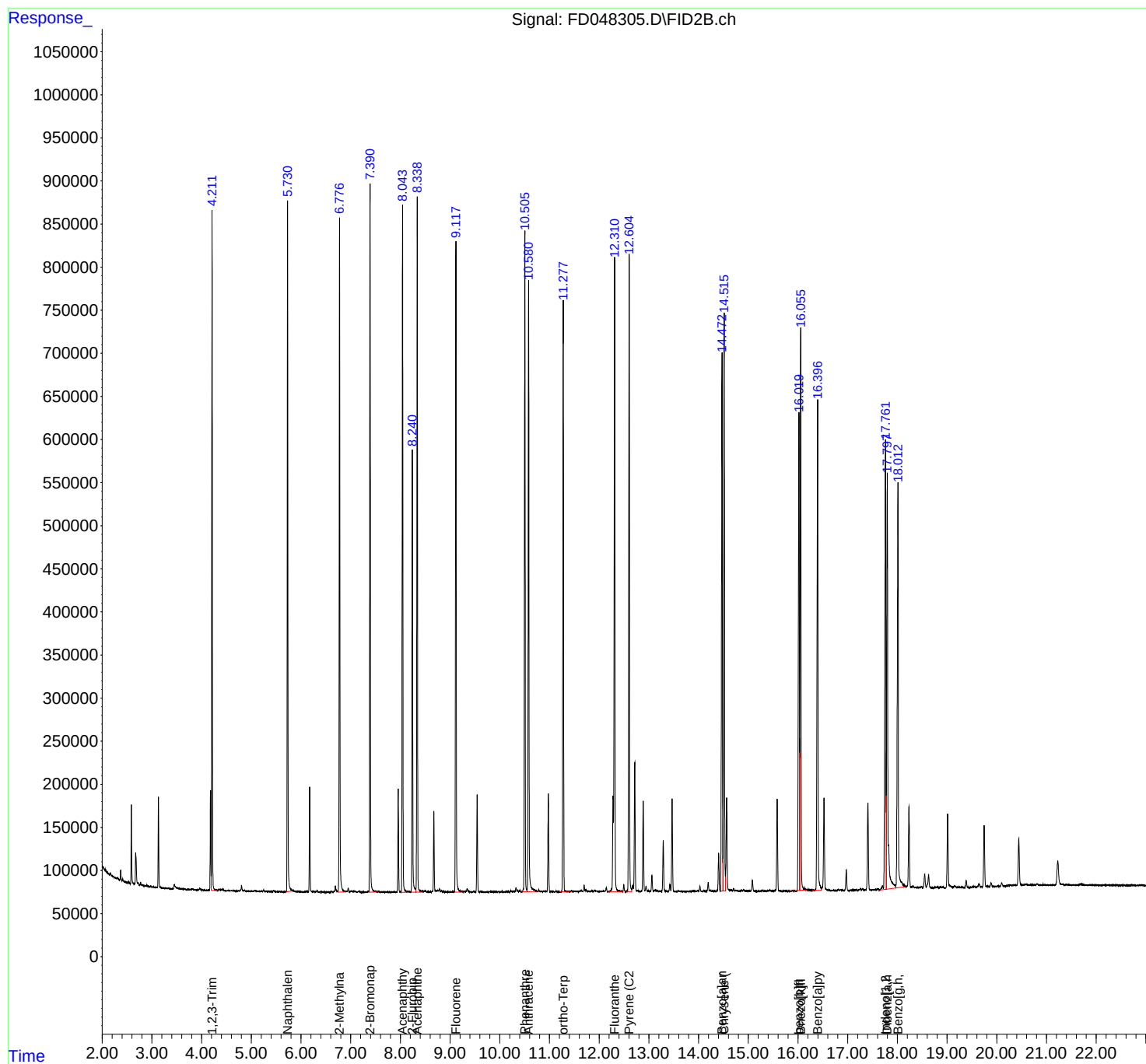
(m)=manual int.

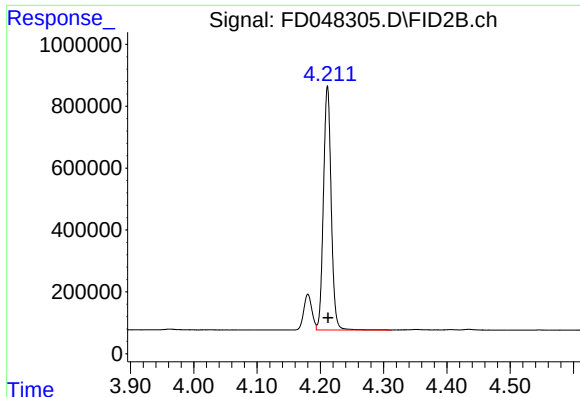
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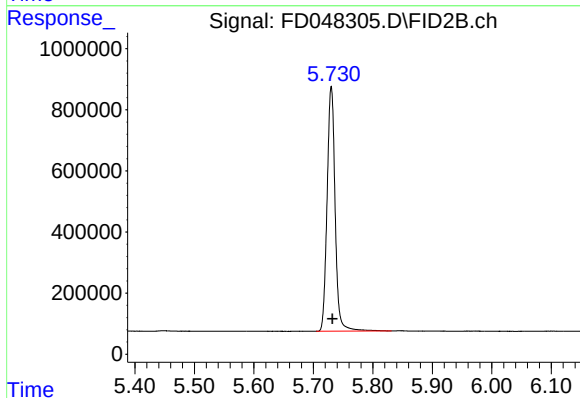




#1 1,2,3-Trimethylbenzene (C10.1)

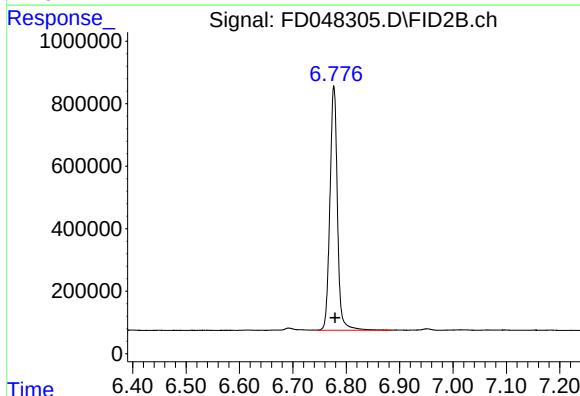
R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 6733648
Conc: 38.17 ug/ml

Instrument :
FID_D
ClientSampleId :



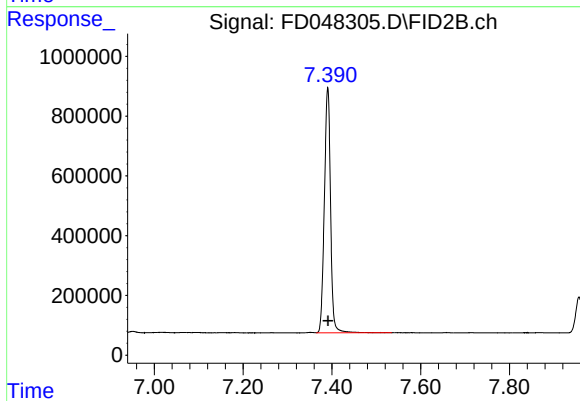
#2 Naphthalene (C11.7)

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 7517215
Conc: 41.57 ug/ml



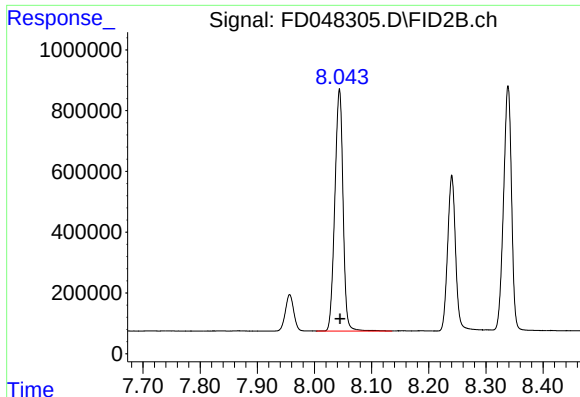
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 7673605
Conc: 42.89 ug/ml



#4 2-Bromonaphthalene (SURR)

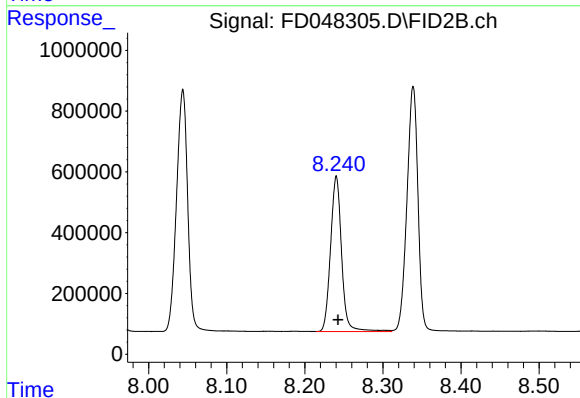
R.T.: 7.390 min
Delta R.T.: -0.001 min
Response: 7951090
Conc: 52.43 ug/ml



#5 Acenaphthylene (C15.06)

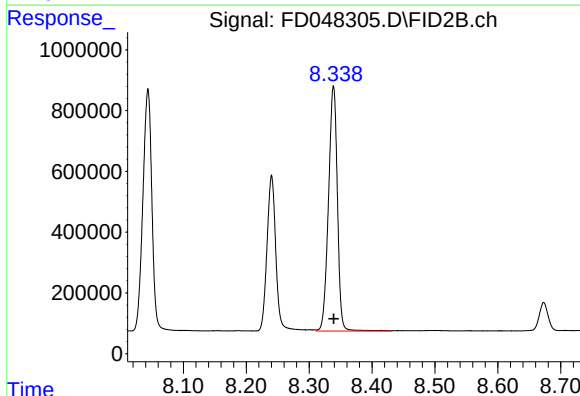
R.T.: 8.044 min
Delta R.T.: -0.001 min
Response: 7946886
Conc: 45.48 ug/ml

Instrument :
FID_D
ClientSampleId :



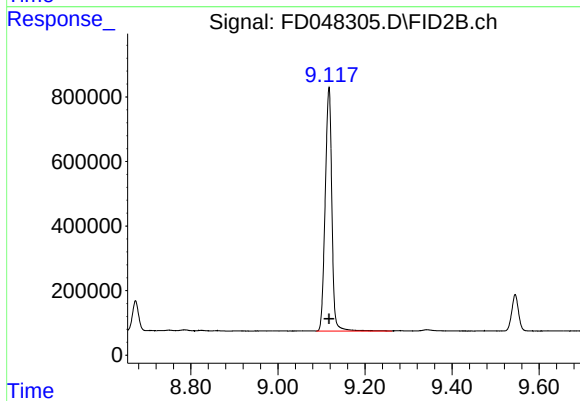
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.240 min
Delta R.T.: -0.002 min
Response: 5031551
Conc: 52.66 ug/ml



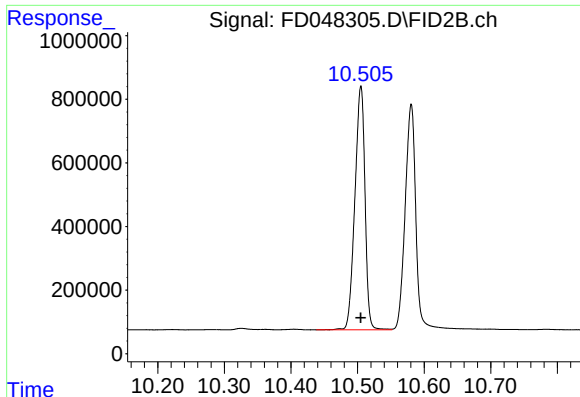
#7 Acenaphthene (C15.5)

R.T.: 8.339 min
Delta R.T.: 0.000 min
Response: 7927441
Conc: 44.57 ug/ml



#8 Flouorene (C16.55)

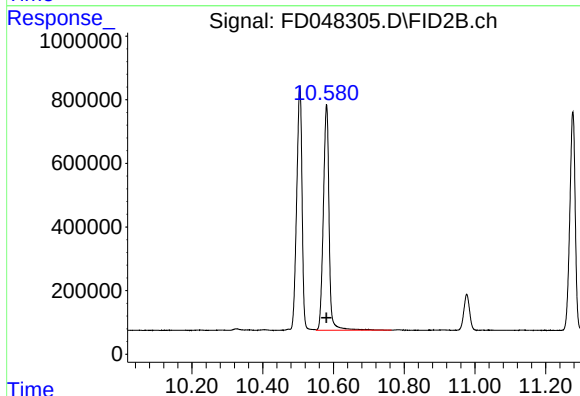
R.T.: 9.117 min
Delta R.T.: 0.000 min
Response: 8012927
Conc: 47.85 ug/ml



#9 Phenanthrene (C19.36)

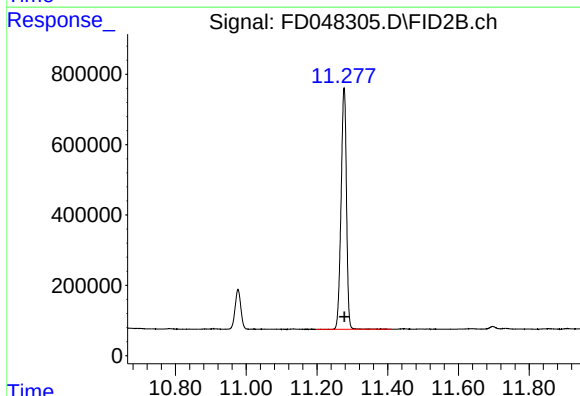
R.T.: 10.504 min
Delta R.T.: 0.000 min
Response: 8083075
Conc: 50.07 ug/ml

Instrument :
FID_D
ClientSampleId :



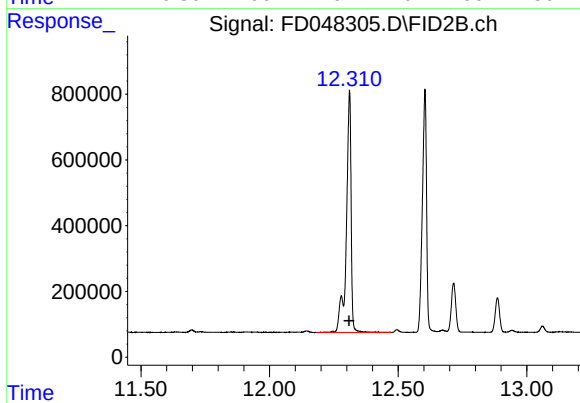
#10 Anthracene (C19.43)

R.T.: 10.580 min
Delta R.T.: 0.000 min
Response: 7978292
Conc: 50.14 ug/ml



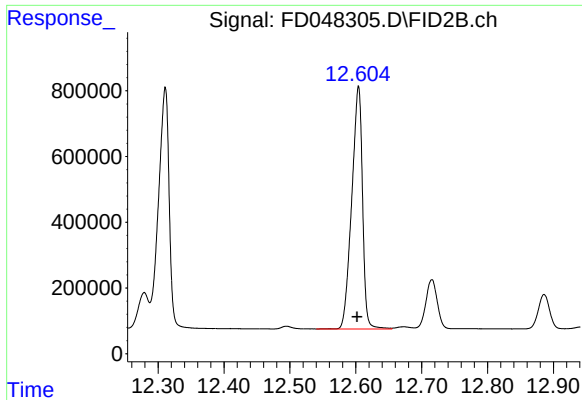
#11 ortho-Terphenyl (SURR)

R.T.: 11.276 min
Delta R.T.: -0.001 min
Response: 7280119
Conc: 42.43 ug/ml



#12 Fluoranthene (C21.85)

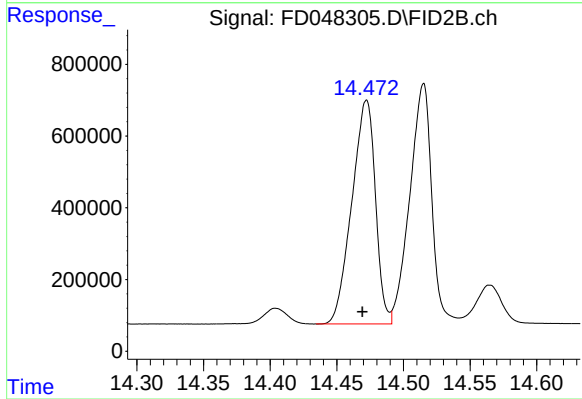
R.T.: 12.309 min
Delta R.T.: 0.000 min
Response: 9609580
Conc: 59.28 ug/ml



#13 Pyrene (C20.8)

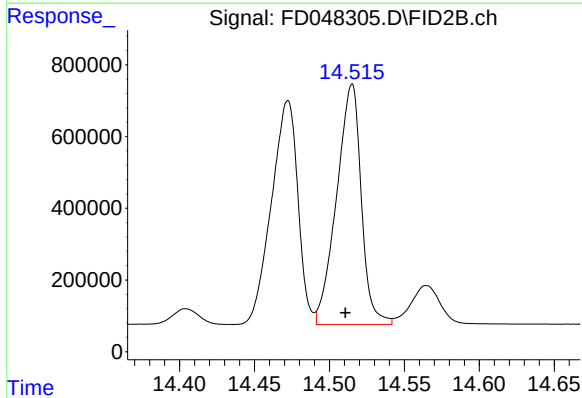
R.T.: 12.603 min
Delta R.T.: 0.000 min
Response: 8393582
Conc: 52.35 ug/ml

Instrument :
FID_D
ClientSampleId :



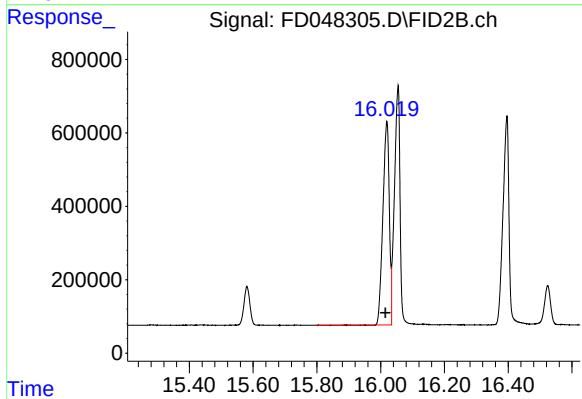
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.471 min
Delta R.T.: 0.002 min
Response: 7699212
Conc: 54.96 ug/ml



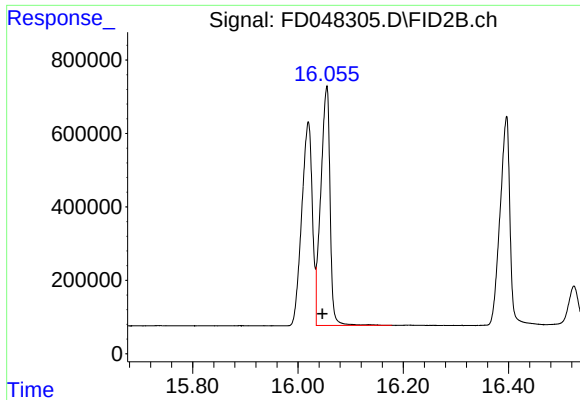
#15 Chrysene (C27.41)

R.T.: 14.514 min
Delta R.T.: 0.003 min
Response: 7682223
Conc: 46.64 ug/ml



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

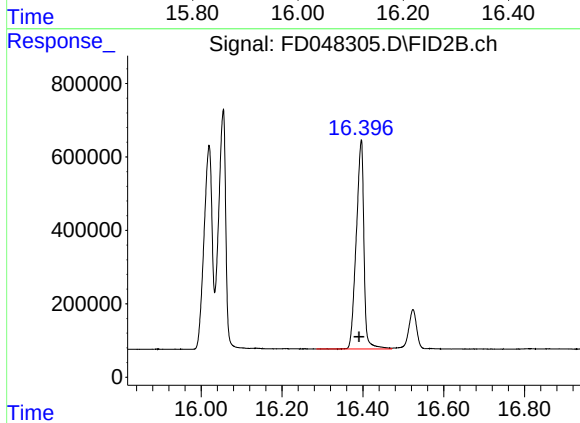
R.T.: 16.018 min
Delta R.T.: 0.003 min
Response: 7757502
Conc: 52.21 ug/ml



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

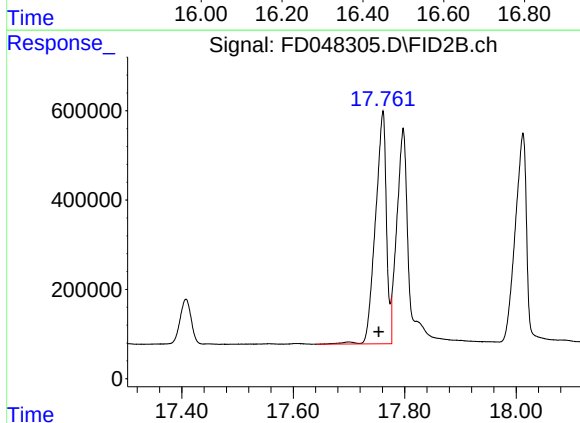
R.T.: 16.053 min
Delta R.T.: 0.006 min
Response: 7951593
Conc: 51.63 ug/ml

Instrument :
FID_D
ClientSampleId :



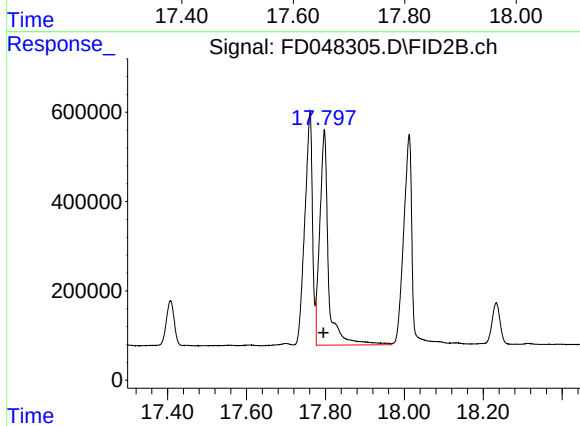
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.394 min
Delta R.T.: 0.003 min
Response: 7511028
Conc: 50.77 ug/ml



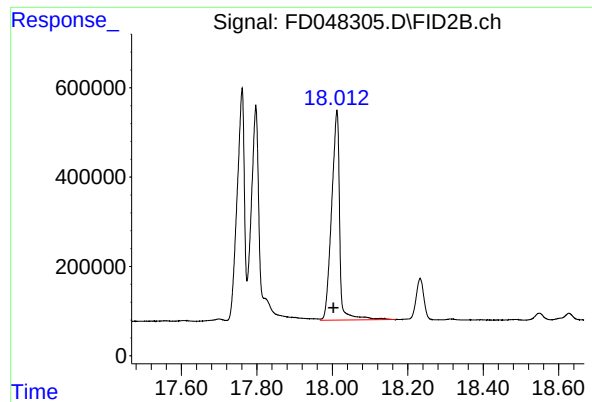
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.759 min
Delta R.T.: 0.005 min
Response: 7165165
Conc: 63.41 ug/ml



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

R.T.: 17.796 min
Delta R.T.: 0.001 min
Response: 7389034
Conc: 48.42 ug/ml



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

R.T.: 18.010 min
Delta R.T.: 0.007 min
Response: 7000274
Conc: 47.49 ug/ml

Instrument :

FID_D

ClientSampleId :