

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072423AR\
 Data File : FD046209.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jul 2023 23:42
 Operator : YP/AJ
 Sample : 03580-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SAMPLE-2MSD

Integration File: sample.E
 Quant Time: Jul 25 05:16:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.509	9768457	65.350 ug/ml
Spiked Amount 50.000		Recovery =	130.70%
6) S 2-Fluorobiphenyl (SURR)	8.364	5507183	58.829 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.66%
11) S ortho-Terphenyl (SURR)	11.402	8653606	49.551 ug/ml
Spiked Amount 50.000		Recovery =	99.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.319	7152424	39.257 ug/ml
2) T Naphthalene (C11.7)	5.847	8346903	46.214 ug/ml
3) T 2-Methylnaphthalene (...)	6.897	9025214	51.279 ug/ml
5) T Acenaphthylene (C15.06)	8.168	9363771	61.371 ug/ml
7) T Acenaphthene (C15.5)	8.465	9874818	60.559 ug/ml
8) T Flouorene (C16.55)	9.243	9966805	65.502 ug/ml
9) T Phenanthrene (C19.36)	10.634	10103739	70.166 ug/ml
10) T Anthracene (C19.43)	10.710	9587757	73.262 ug/ml
12) T Fluoranthene (C21.85)	12.440	10298161	73.699 ug/ml
13) T Pyrene (C20.8)	12.735	10167145	73.359 ug/ml
14) T Benzo[a]anthracene (C...	14.599	9243279	70.420 ug/ml
15) T Chrysene (C27.41)	14.645	9284255	65.845 ug/ml
16) T benzo[b]fluoranthene ...	16.145	9259873	67.707 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	9259873	67.556 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.521	8249216	63.364 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	8445341	70.218 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	8445341	66.033 ug/ml
21) T Benzo[g,h,i]perylene ...	18.137	7875871	62.079 ug/ml

(f)=RT Delta > 1/2 Window

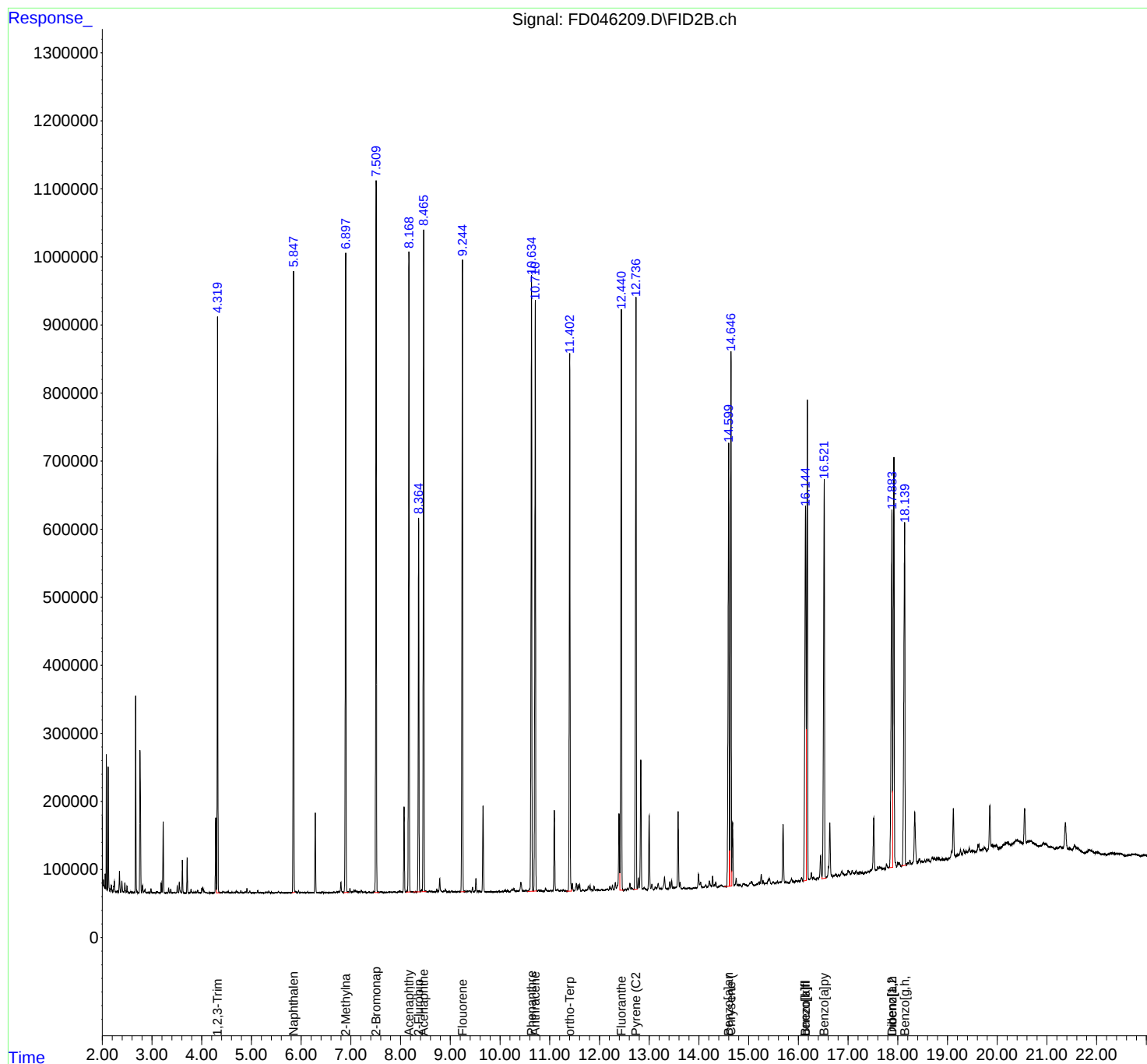
(m)=manual int.

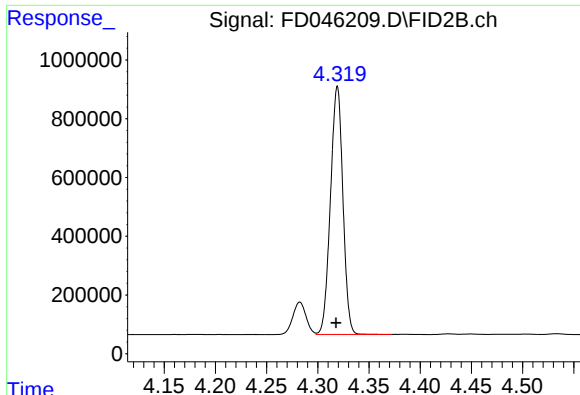
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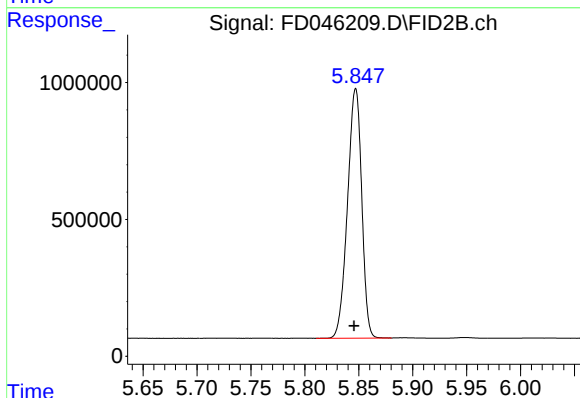




#1 1,2,3-Trimethylbenzene (C10.1)

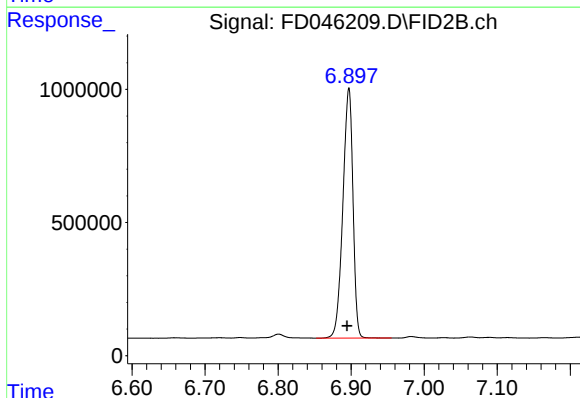
R.T.: 4.319 min
Delta R.T.: 0.001 min
Response: 7152424
Conc: 39.26 ug/ml

Instrument :
FID_D
ClientSampleId :
SAMPLE-2MSD



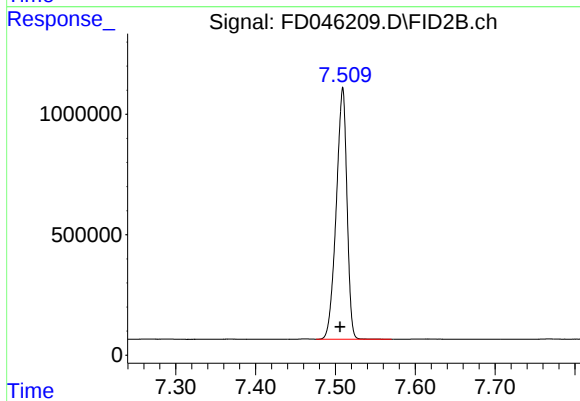
#2 Naphthalene (C11.7)

R.T.: 5.847 min
Delta R.T.: 0.001 min
Response: 8346903
Conc: 46.21 ug/ml



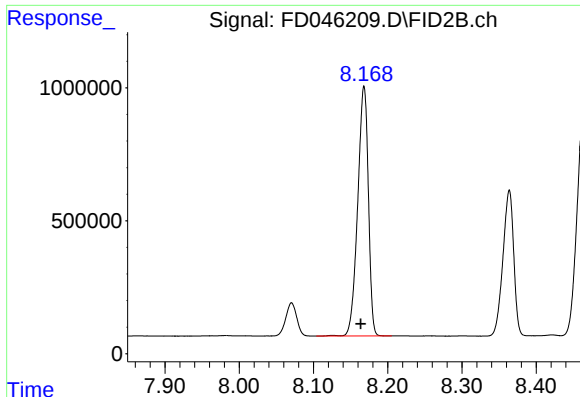
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.897 min
Delta R.T.: 0.002 min
Response: 9025214
Conc: 51.28 ug/ml



#4 2-Bromonaphthalene (SURR)

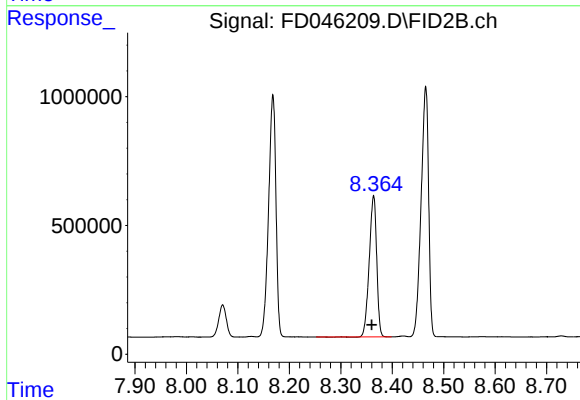
R.T.: 7.509 min
Delta R.T.: 0.003 min
Response: 9768457
Conc: 65.35 ug/ml



#5 Acenaphthylene (C15.06)

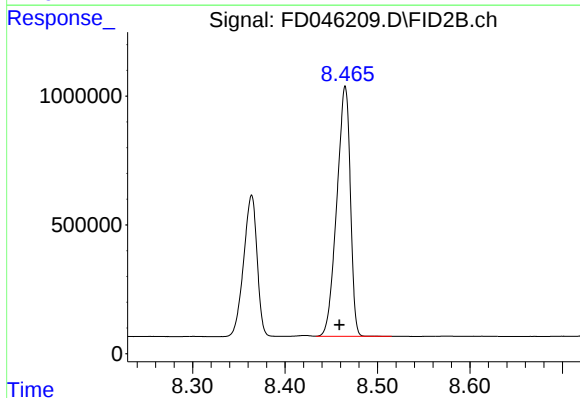
R.T.: 8.168 min
Delta R.T.: 0.004 min
Response: 9363771
Conc: 61.37 ug/ml

Instrument :
FID_D
ClientSampleId :
SAMPLE-2MSD



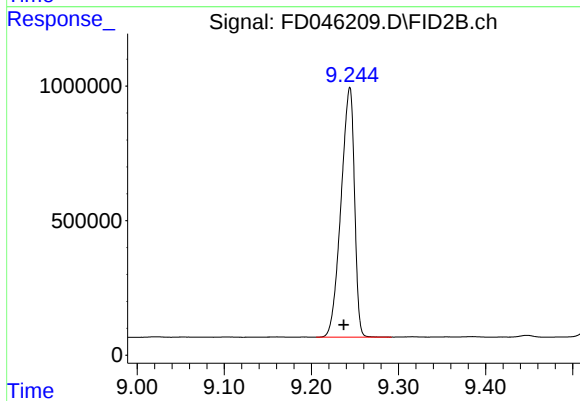
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.364 min
Delta R.T.: 0.003 min
Response: 5507183
Conc: 58.83 ug/ml



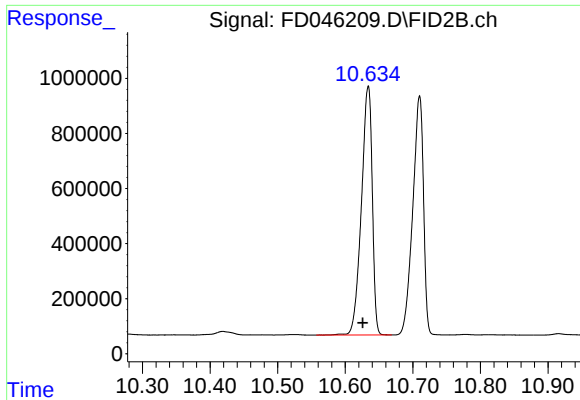
#7 Acenaphthene (C15.5)

R.T.: 8.465 min
Delta R.T.: 0.006 min
Response: 9874818
Conc: 60.56 ug/ml



#8 Fluorene (C16.55)

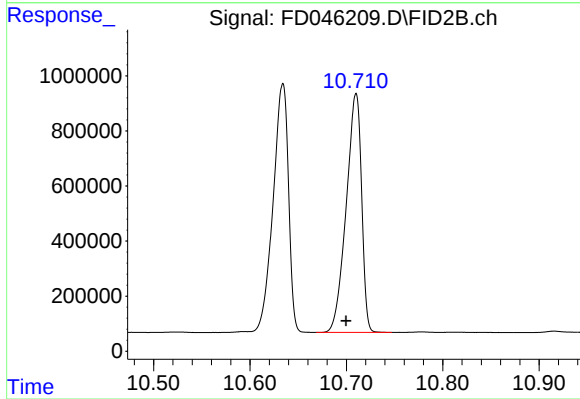
R.T.: 9.243 min
Delta R.T.: 0.006 min
Response: 9966805
Conc: 65.50 ug/ml



#9 Phenanthrene (C19.36)

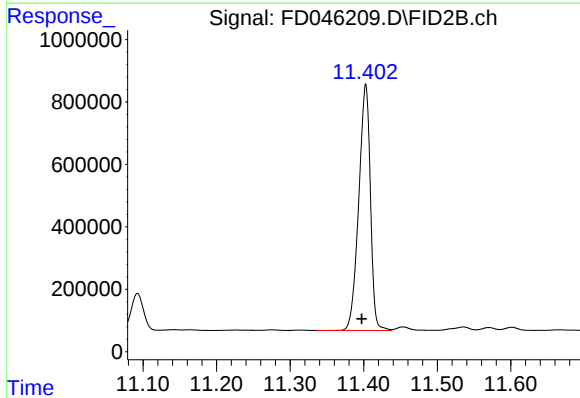
R.T.: 10.634 min
Delta R.T.: 0.008 min
Response: 10103739
Conc: 70.17 ug/ml

Instrument :
FID_D
ClientSampleId :
SAMPLE-2MSD



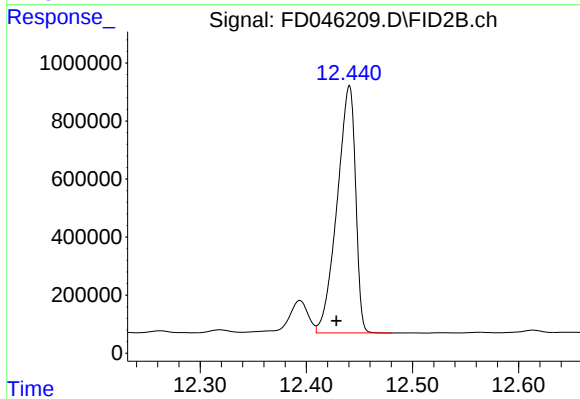
#10 Anthracene (C19.43)

R.T.: 10.710 min
Delta R.T.: 0.010 min
Response: 9587757
Conc: 73.26 ug/ml



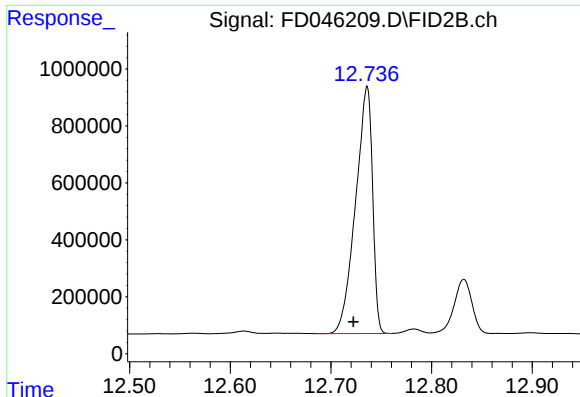
#11 ortho-Terphenyl (SURR)

R.T.: 11.402 min
Delta R.T.: 0.005 min
Response: 8653606
Conc: 49.55 ug/ml



#12 Fluoranthene (C21.85)

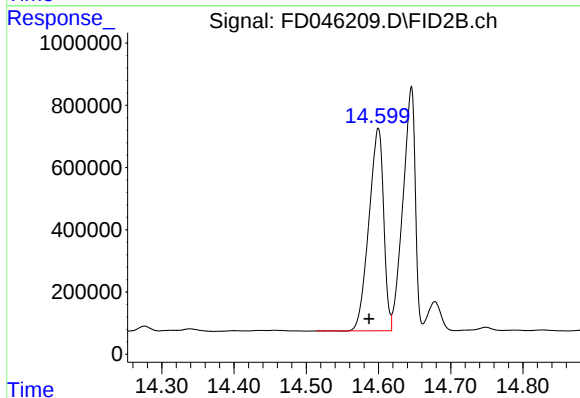
R.T.: 12.440 min
Delta R.T.: 0.012 min
Response: 10298161
Conc: 73.70 ug/ml



#13 Pyrene (C20.8)

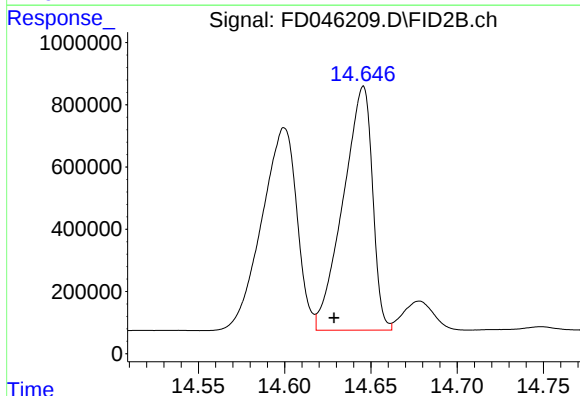
R.T.: 12.735 min
Delta R.T.: 0.013 min
Response: 10167145
Conc: 73.36 ug/ml

Instrument :
FID_D
ClientSampleId :
SAMPLE-2MSD



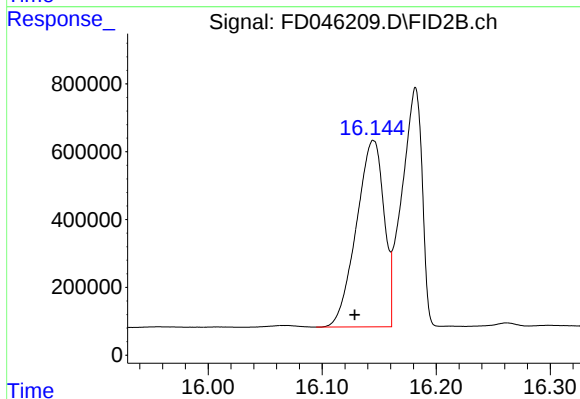
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.599 min
Delta R.T.: 0.012 min
Response: 9243279
Conc: 70.42 ug/ml



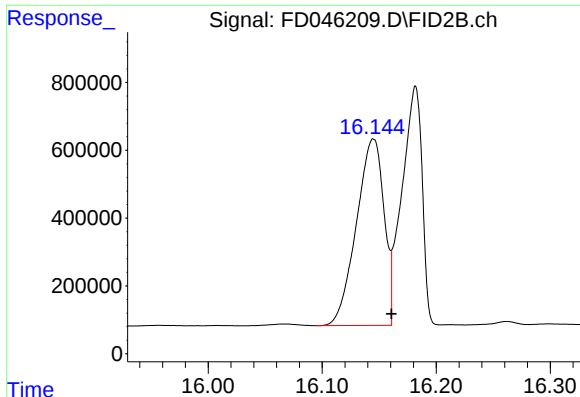
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: 0.016 min
Response: 9284255
Conc: 65.84 ug/ml



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

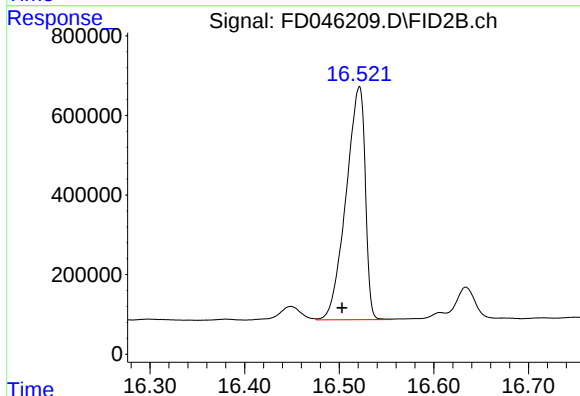
R.T.: 16.145 min
Delta R.T.: 0.016 min
Response: 9259873
Conc: 67.71 ug/ml



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

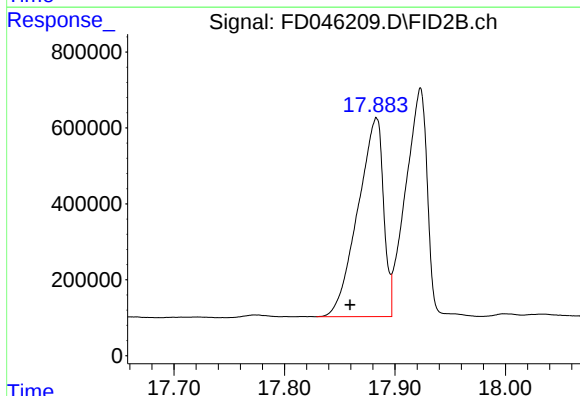
R.T.: 16.145 min
Delta R.T.: -0.016 min
Response: 9259873
Conc: 67.56 ug/ml

Instrument :
FID_D
ClientSampleId :
SAMPLE-2MSD



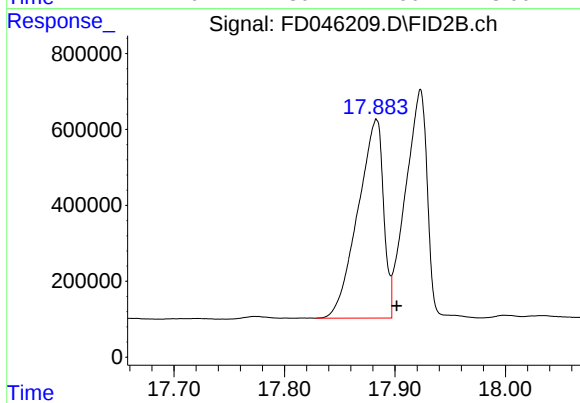
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.521 min
Delta R.T.: 0.017 min
Response: 8249216
Conc: 63.36 ug/ml



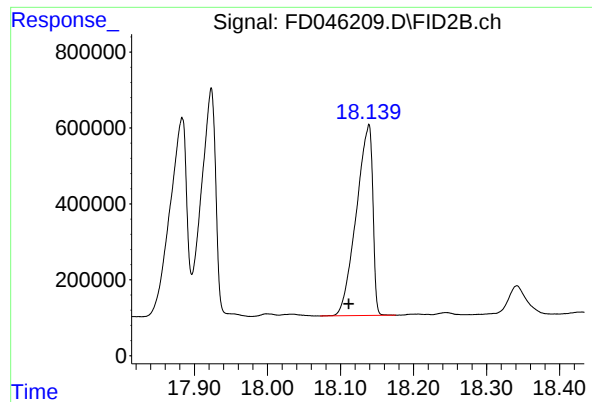
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.882 min
Delta R.T.: 0.023 min
Response: 8445341
Conc: 70.22 ug/ml



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

R.T.: 17.882 min
Delta R.T.: -0.019 min
Response: 8445341
Conc: 66.03 ug/ml



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

R.T.: 18.137 min
Delta R.T.: 0.026 min
Response: 7875871
Conc: 62.08 ug/ml

Instrument :
FID_D
ClientSampleId :
SAMPLE-2MSD