

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042023AR\
 Data File : FD045507.D
 Signal(s) : FID2B.ch
 Acq On : 20 Apr 2023 18:08
 Operator : YP/AJ
 Sample : PB152239BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 21 01:16:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.548	6752259	49.283 ug/ml
Spiked Amount 50.000		Recovery =	98.57%
6) S 2-Fluorobiphenyl (SURR)	8.404	4282602	47.772 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.54%
11) S ortho-Terphenyl (SURR)	11.444	7544786	43.365 ug/ml
Spiked Amount 50.000		Recovery =	86.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	5866443	37.658 ug/ml
2) T Naphthalene (C11.7)	5.886	6742561	41.955 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	6753895	42.191 ug/ml
5) T Acenaphthylene (C15.06)	8.209	7280691	49.726 ug/ml
7) T Acenaphthene (C15.5)	8.505	7657684	49.371 ug/ml
8) T Fluorene (C16.55)	9.283	7267839	49.012 ug/ml
9) T Phenanthrene (C19.36)	10.674	7069553	48.804 ug/ml
10) T Anthracene (C19.43)	10.749	6902356	49.936 ug/ml
12) T Fluoranthene (C21.85)	12.479	6945258	48.274 ug/ml
13) T Pyrene (C20.8)	12.775	6950412	49.434 ug/ml
14) T Benzo[a]anthracene (C...	14.638	6340019	49.437 ug/ml
15) T Chrysene (C27.41)	14.681	6144765	46.340 ug/ml
16) T benzo[b]fluoranthene ...	16.181	6446551	49.626 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	6080319	48.007 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	5614489	44.656 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	5263582	44.472 ug/ml
20) T Dibenz[a,h]anthracene...	17.954	5144213	43.180 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	5731366	45.884 ug/ml

(f)=RT Delta > 1/2 Window

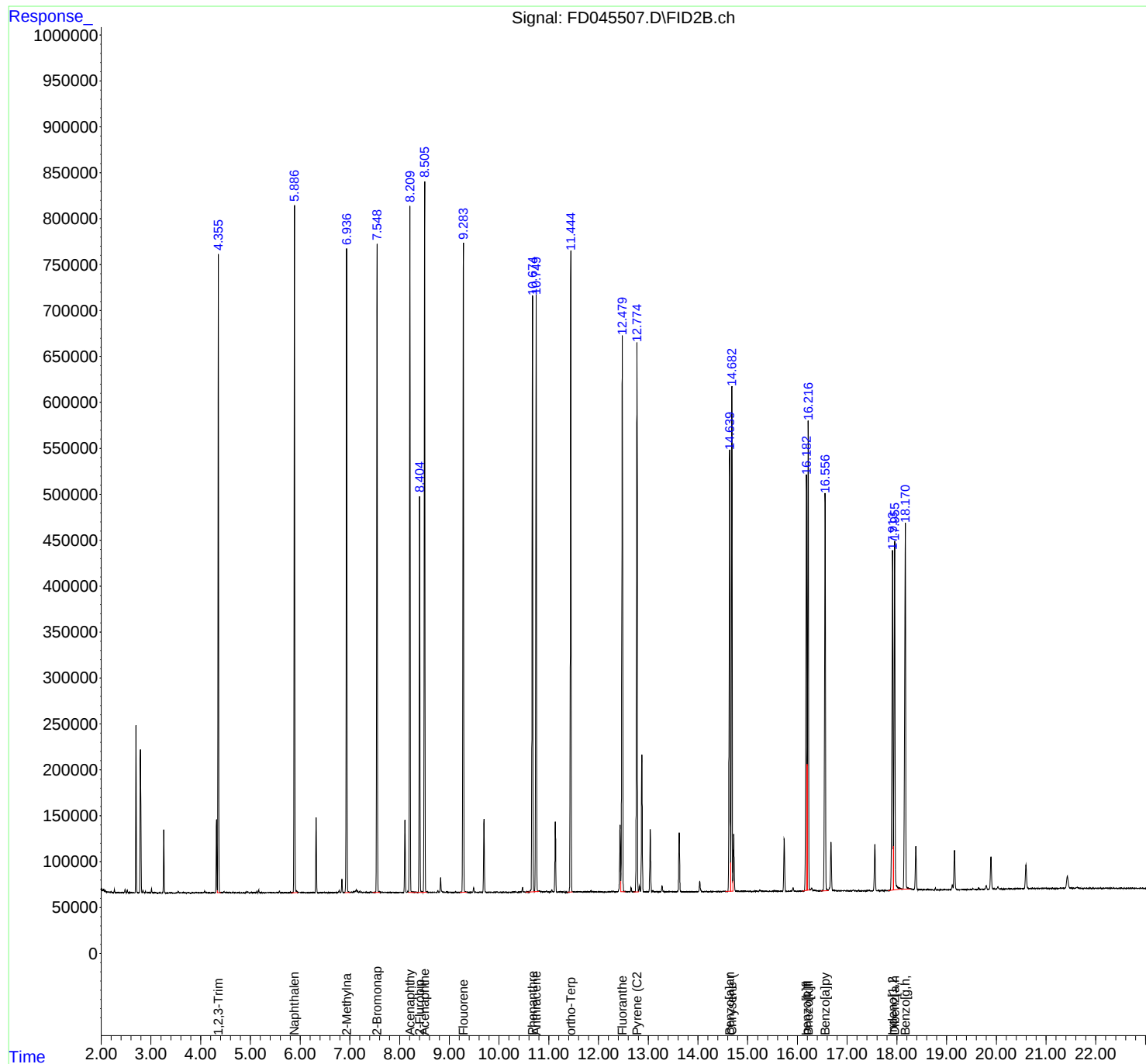
(m)=manual int.

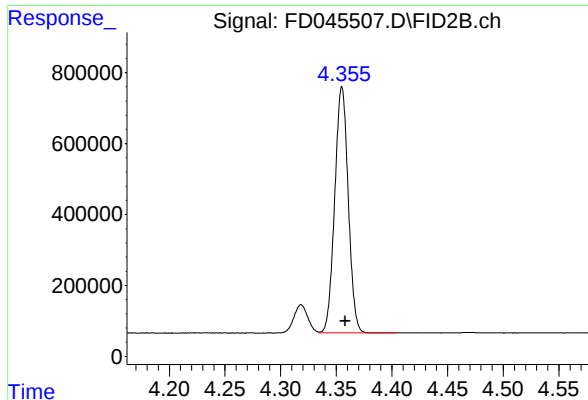
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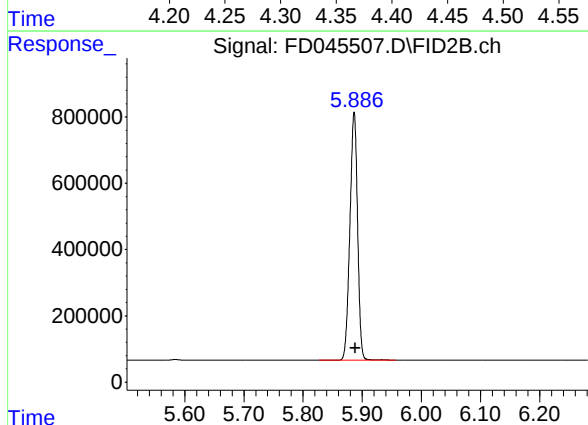




#1 1,2,3-Trimethylbenzene (C10.1)

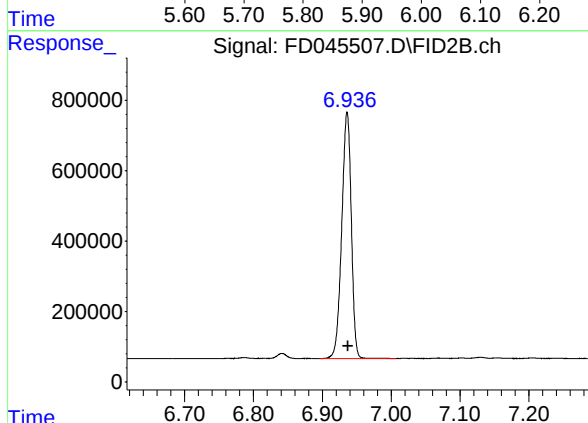
R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 5866443
Conc: 37.66 ug/ml

Instrument :
FID_D
ClientSampleId :



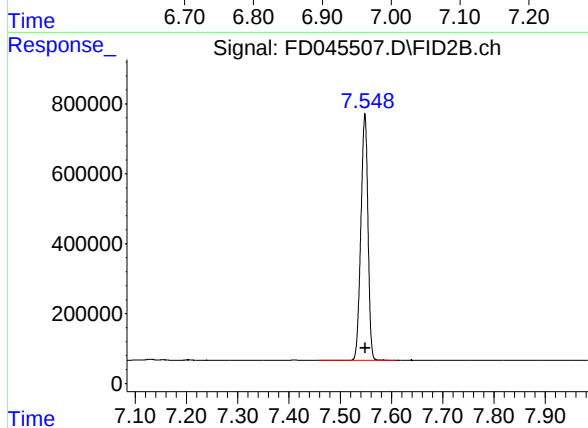
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 6742561
Conc: 41.96 ug/ml



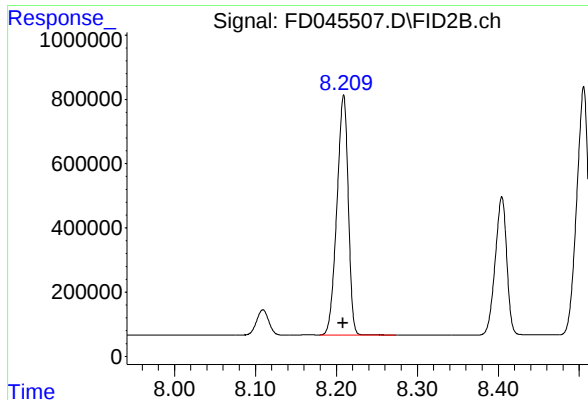
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.001 min
Response: 6753895
Conc: 42.19 ug/ml



#4 2-Bromonaphthalene (SURR)

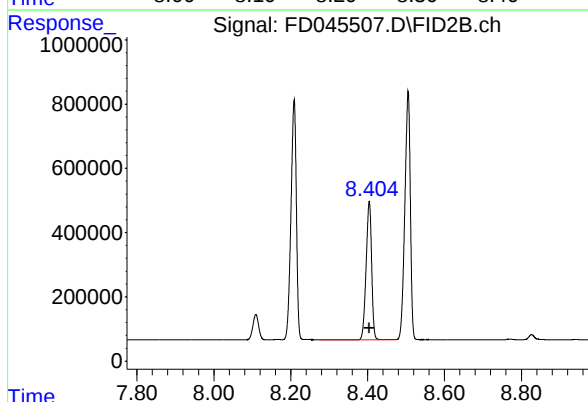
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 6752259
Conc: 49.28 ug/ml



#5 Acenaphthylene (C15.06)

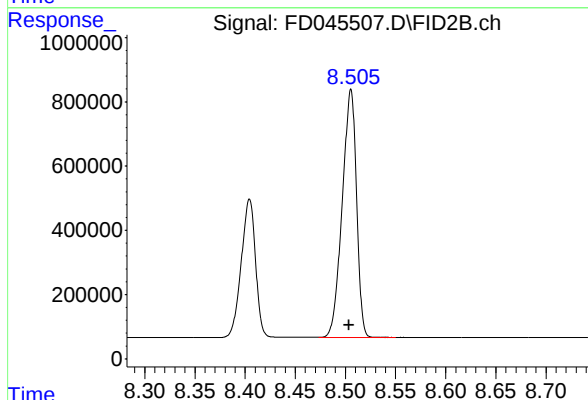
R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 7280691
Conc: 49.73 ug/ml

Instrument :
FID_D
ClientSampleId :



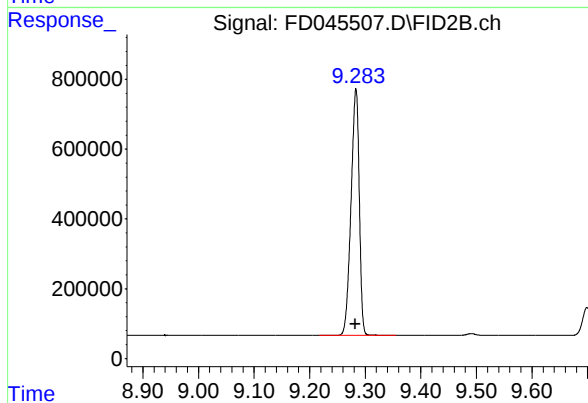
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 4282602
Conc: 47.77 ug/ml



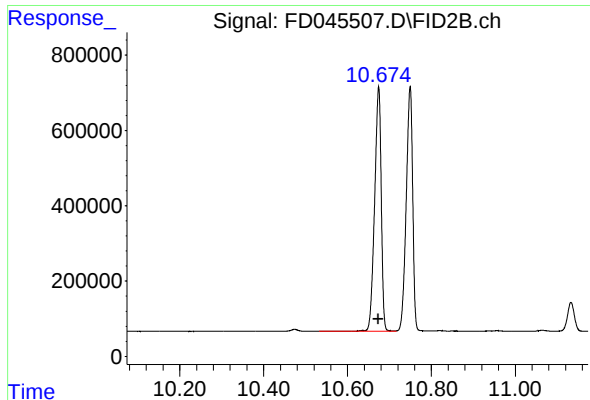
#7 Acenaphthene (C15.5)

R.T.: 8.505 min
Delta R.T.: 0.002 min
Response: 7657684
Conc: 49.37 ug/ml



#8 Flouorene (C16.55)

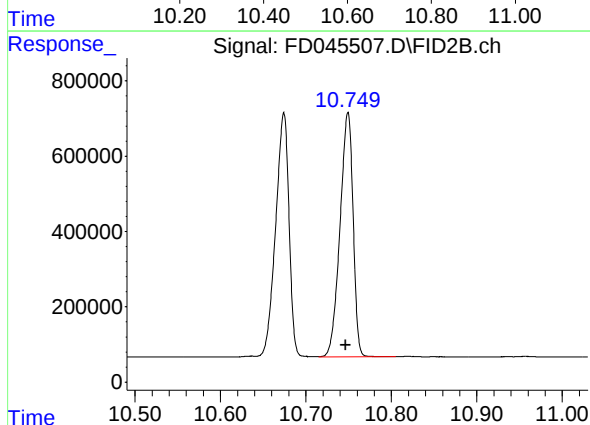
R.T.: 9.283 min
Delta R.T.: 0.001 min
Response: 7267839
Conc: 49.01 ug/ml



#9 Phenanthrene (C19.36)

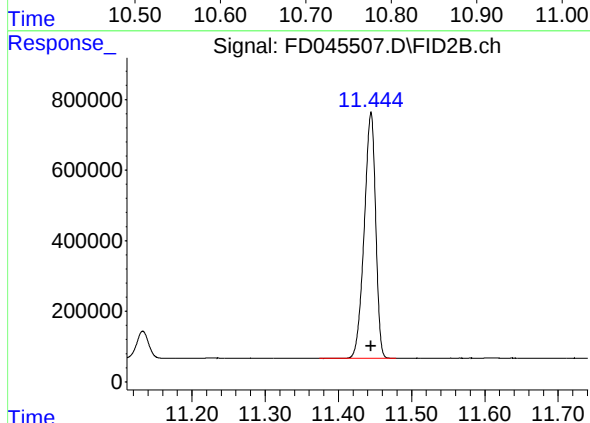
R.T.: 10.674 min
Delta R.T.: 0.000 min
Response: 7069553
Conc: 48.80 ug/ml

Instrument :
FID_D
ClientSampleId :



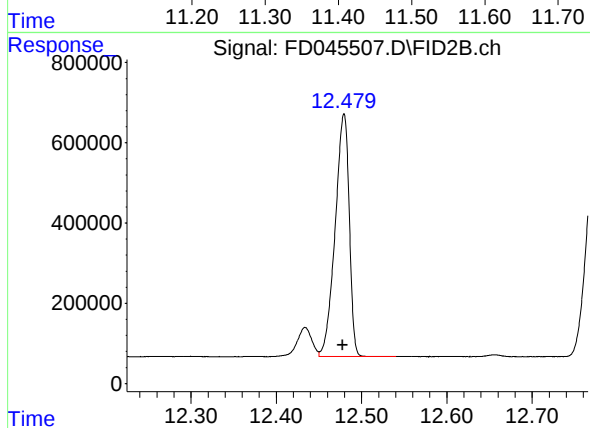
#10 Anthracene (C19.43)

R.T.: 10.749 min
Delta R.T.: 0.002 min
Response: 6902356
Conc: 49.94 ug/ml



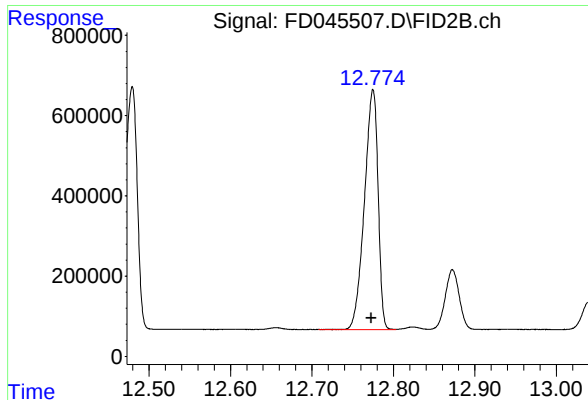
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 7544786
Conc: 43.36 ug/ml



#12 Fluoranthene (C21.85)

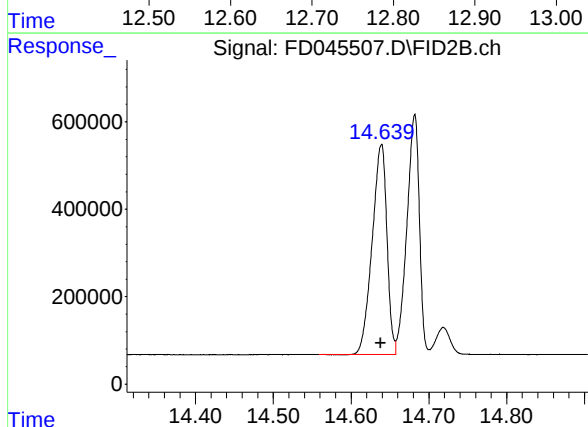
R.T.: 12.479 min
Delta R.T.: 0.000 min
Response: 6945258
Conc: 48.27 ug/ml



#13 Pyrene (C20.8)

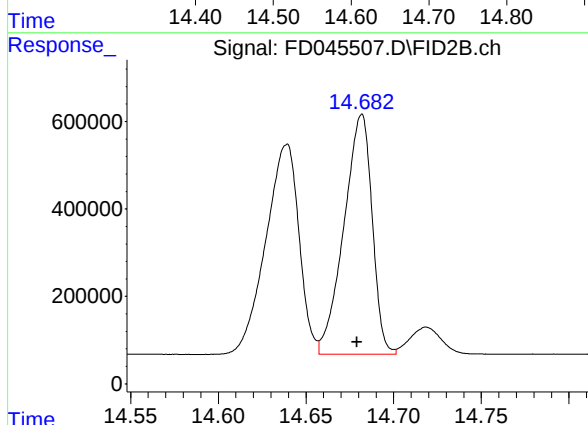
R.T.: 12.775 min
Delta R.T.: 0.002 min
Response: 6950412
Conc: 49.43 ug/ml

Instrument :
FID_D
ClientSampleId :



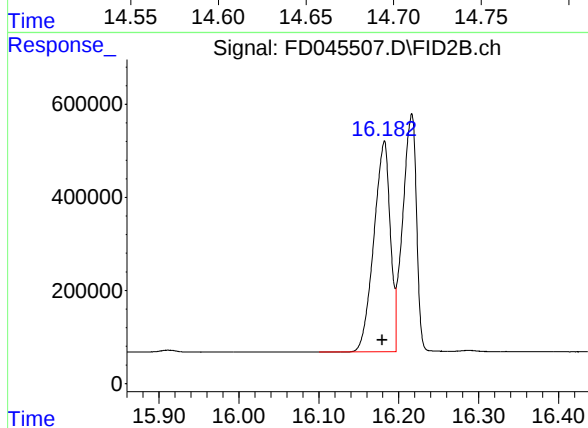
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.000 min
Response: 6340019
Conc: 49.44 ug/ml



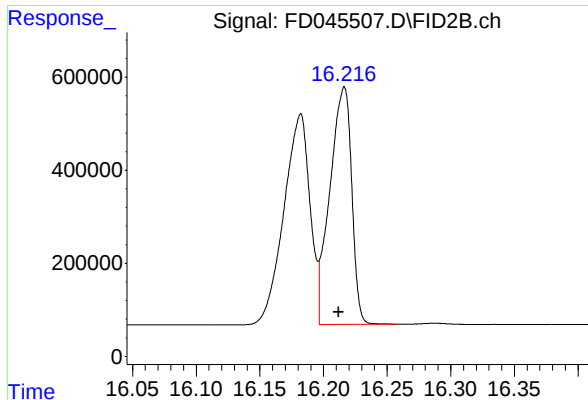
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: 0.002 min
Response: 6144765
Conc: 46.34 ug/ml



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

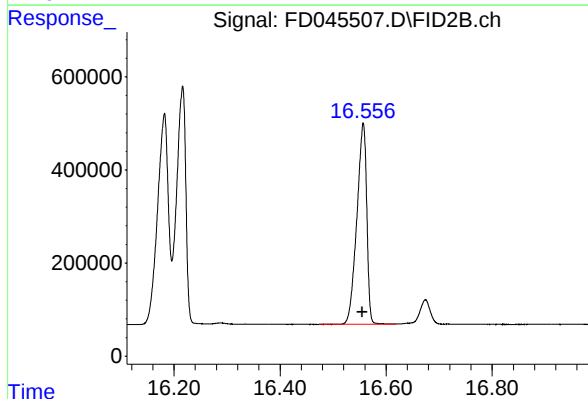
R.T.: 16.181 min
Delta R.T.: 0.002 min
Response: 6446551
Conc: 49.63 ug/ml



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

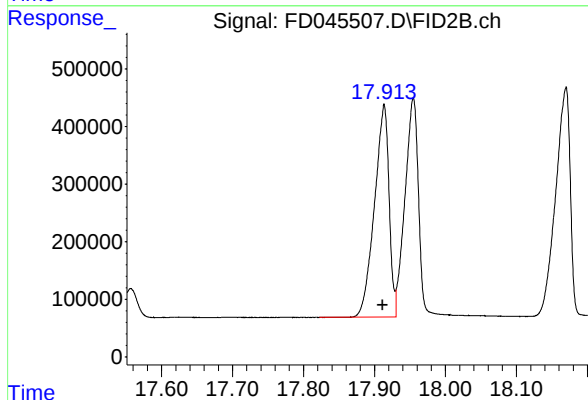
R.T.: 16.215 min
Delta R.T.: 0.004 min
Response: 6080319
Conc: 48.01 ug/ml

Instrument :
FID_D
ClientSampleId :



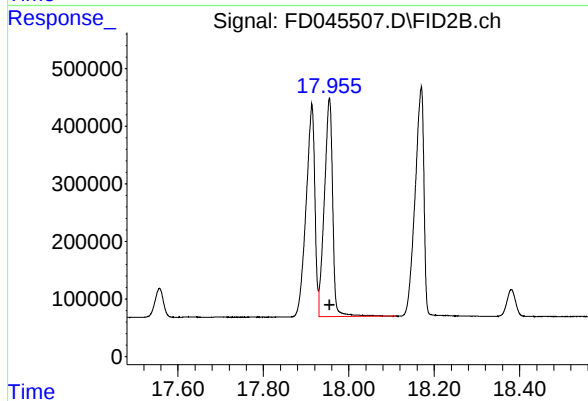
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min
Delta R.T.: 0.002 min
Response: 5614489
Conc: 44.66 ug/ml



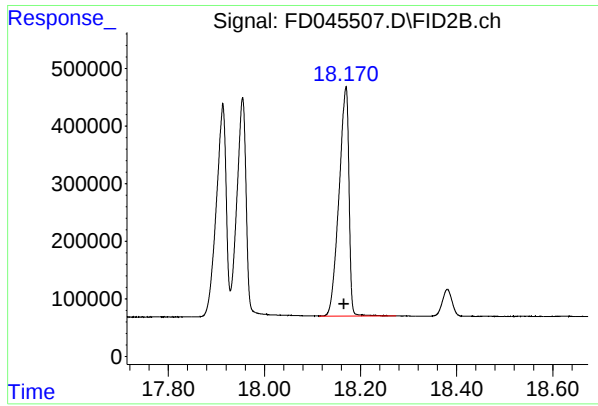
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: 0.001 min
Response: 5263582
Conc: 44.47 ug/ml



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

R.T.: 17.954 min
Delta R.T.: 0.000 min
Response: 5144213
Conc: 43.18 ug/ml



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

R.T.: 18.169 min
Delta R.T.: 0.003 min
Response: 5731366
Conc: 45.88 ug/ml

Instrument :
FID_D
ClientSampleId :