

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032521AR\
 Data File : FD036530.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2021 11:28
 Operator : DD\AJ
 Sample : FCS CHECK SOL 2
 Misc : LOT#M02142C2 E3060
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 26 01:28:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.594	5575460	39.643 ug/ml
Spiked Amount 50.000		Recovery =	79.29%
6) S 2-Fluorobiphenyl (SURR)	8.455	3605531	38.410 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.82%
11) S ortho-Terphenyl (SURR)	11.494	5255186	34.408 ug/ml
Spiked Amount 50.000		Recovery =	68.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	3833613	26.153 ug/ml
2) T Naphthalene (C11.7)	5.931	4544384	28.915 ug/ml
3) T 2-Methylnaphthalene (...)	6.983	4879591	31.048 ug/ml
5) T Acenaphthylene (C15.06)	8.258	4889535	32.632 ug/ml
7) T Acenaphthene (C15.5)	8.554	5095963	32.827 ug/ml
8) T Fluorene (C16.55)	9.333	5208389	34.594 ug/ml
9) T Phenanthrene (C19.36)	10.727	5203502	35.501 ug/ml
10) T Anthracene (C19.43)	10.802	5151291	35.583 ug/ml
12) T Fluoranthene (C21.85)	12.536	5068781	36.103 ug/ml
13) T Pyrene (C20.8)	12.833	4964457	36.184 ug/ml
14) T Benzo[a]anthracene (C...	14.701	4297372	36.186 ug/ml
15) T Chrysene (C27.41)	14.744	4469668	36.960 ug/ml
16) T benzo[b]fluoranthene ...	16.247	3994311	36.401 ug/ml
17) T Bnezo[k]fluoranthene ...	16.281	3824680	35.981 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.625	3823796	38.368 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	3450605	34.328 ug/ml
20) T Dibenz[a,h]anthracene...	18.026	3566127	35.367 ug/ml
21) T Benzo[g,h,i]perylene ...	18.242	3580882	35.342 ug/ml

(f)=RT Delta > 1/2 Window

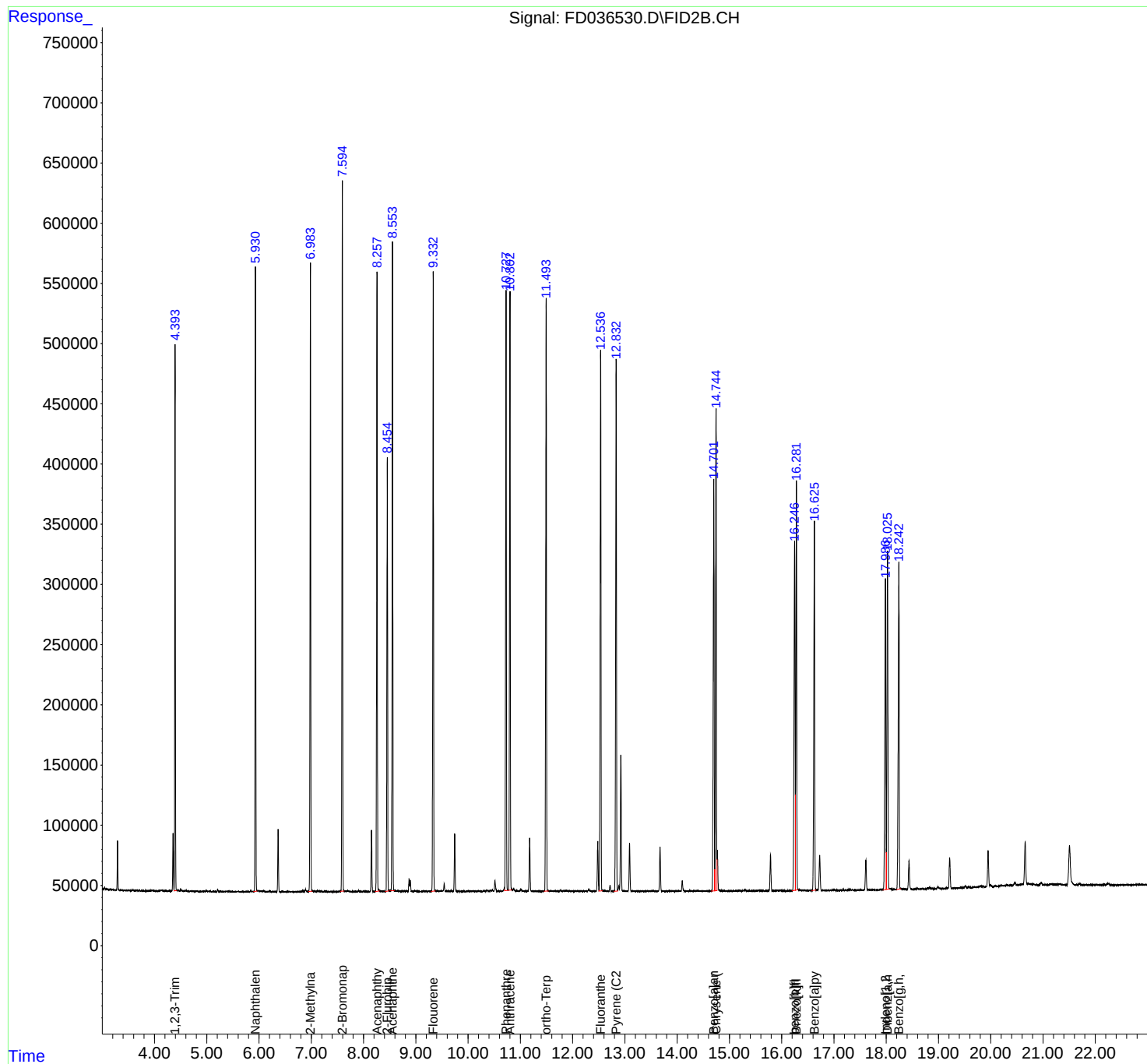
(m)=manual int.

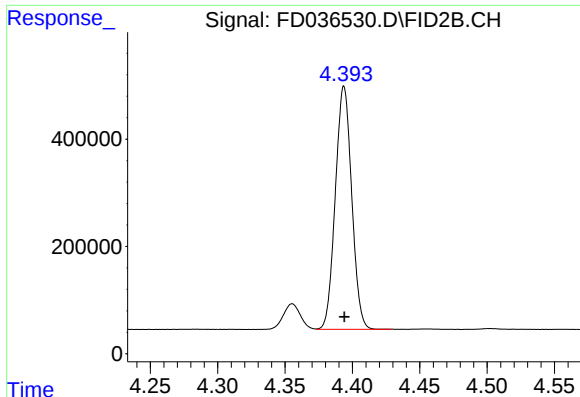
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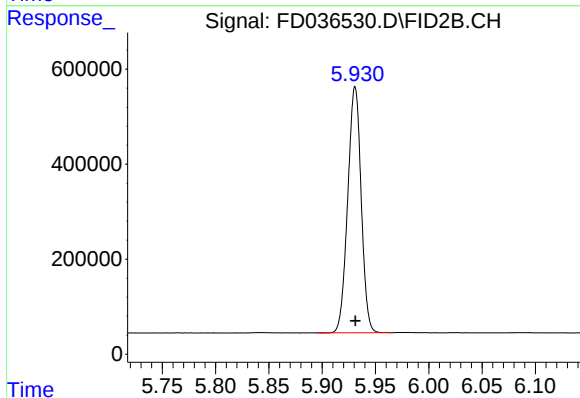




#1 1,2,3-Trimethylbenzene (C10.1)

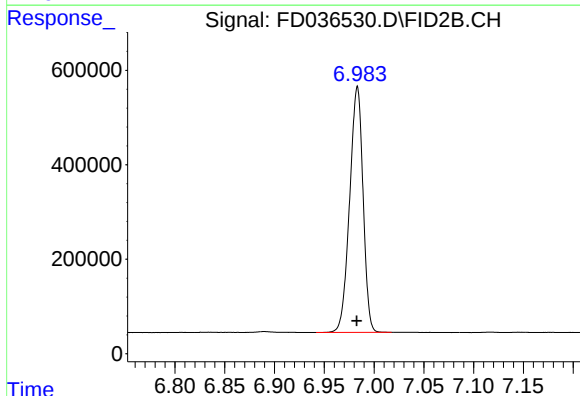
R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 3833613
Conc: 26.15 ug/ml

Instrument :
FID_D
ClientSampleId :



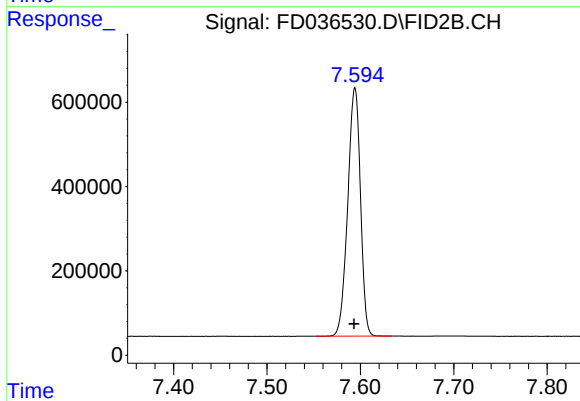
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 4544384
Conc: 28.92 ug/ml



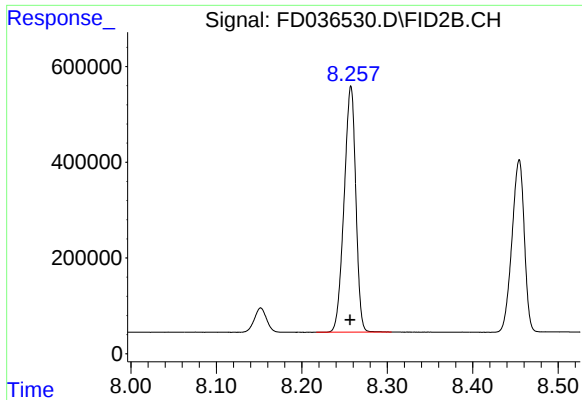
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 4879591
Conc: 31.05 ug/ml



#4 2-Bromonaphthalene (SURR)

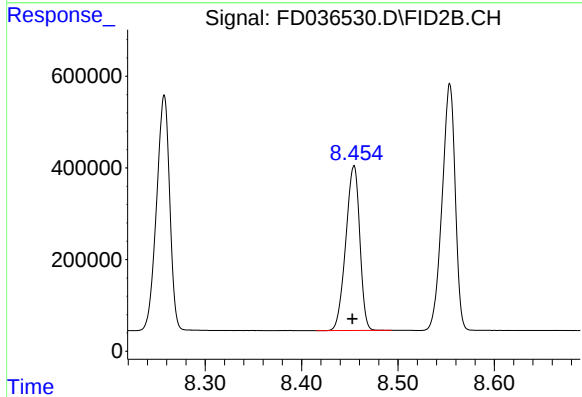
R.T.: 7.594 min
Delta R.T.: 0.001 min
Response: 5575460
Conc: 39.64 ug/ml



#5 Acenaphthylene (C15.06)

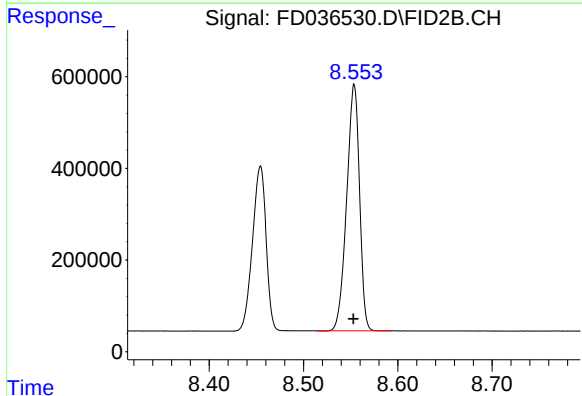
R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 4889535
Conc: 32.63 ug/ml

Instrument :
FID_D
ClientSampleId :



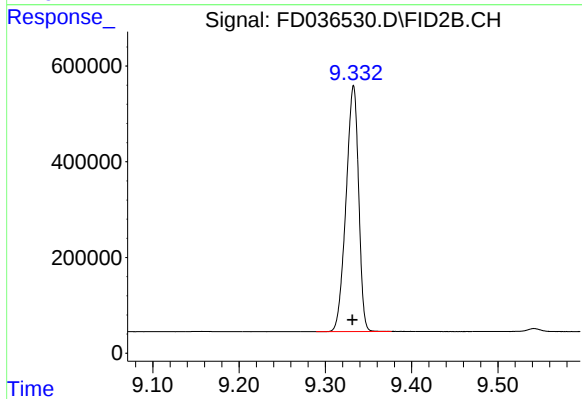
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.455 min
Delta R.T.: 0.002 min
Response: 3605531
Conc: 38.41 ug/ml



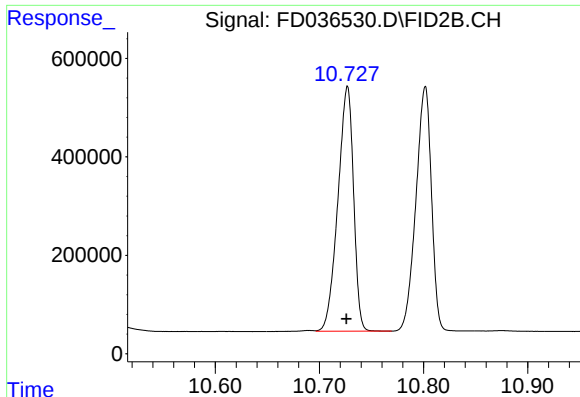
#7 Acenaphthene (C15.5)

R.T.: 8.554 min
Delta R.T.: 0.000 min
Response: 5095963
Conc: 32.83 ug/ml



#8 Flouorene (C16.55)

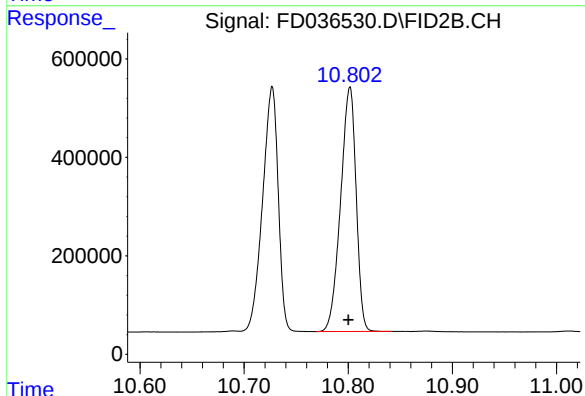
R.T.: 9.333 min
Delta R.T.: 0.001 min
Response: 5208389
Conc: 34.59 ug/ml



#9 Phenanthrene (C19.36)

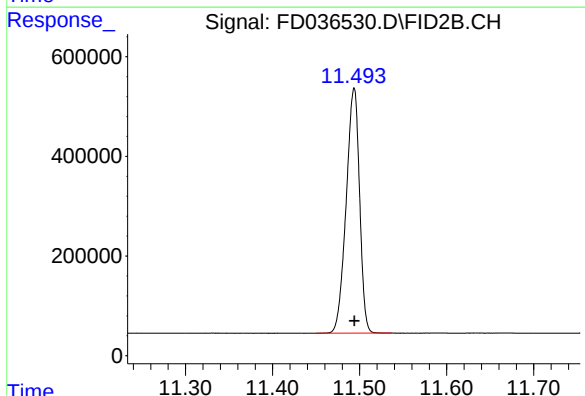
R.T.: 10.727 min
Delta R.T.: 0.001 min
Response: 5203502
Conc: 35.50 ug/ml

Instrument :
FID_D
ClientSampleId :



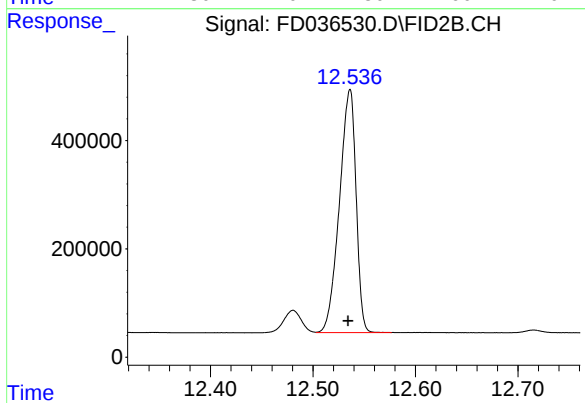
#10 Anthracene (C19.43)

R.T.: 10.802 min
Delta R.T.: 0.002 min
Response: 5151291
Conc: 35.58 ug/ml



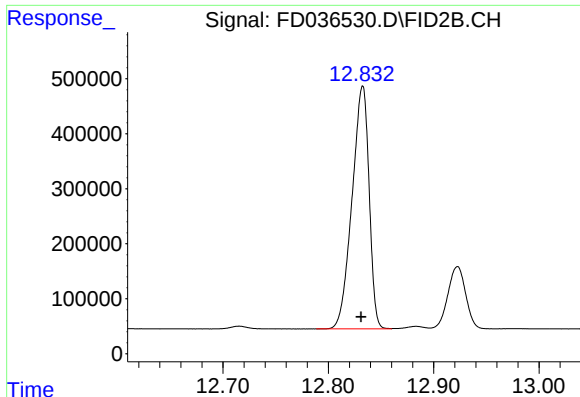
#11 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 5255186
Conc: 34.41 ug/ml



#12 Fluoranthene (C21.85)

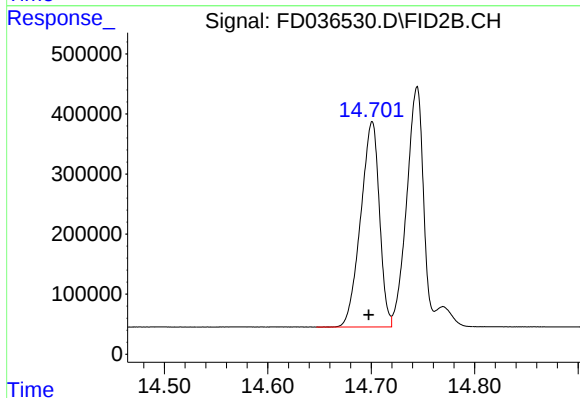
R.T.: 12.536 min
Delta R.T.: 0.002 min
Response: 5068781
Conc: 36.10 ug/ml



#13 Pyrene (C20.8)

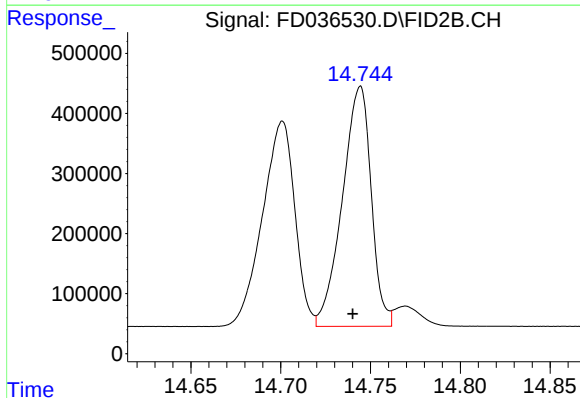
R.T.: 12.833 min
Delta R.T.: 0.001 min
Response: 4964457
Conc: 36.18 ug/ml

Instrument :
FID_D
ClientSampleId :



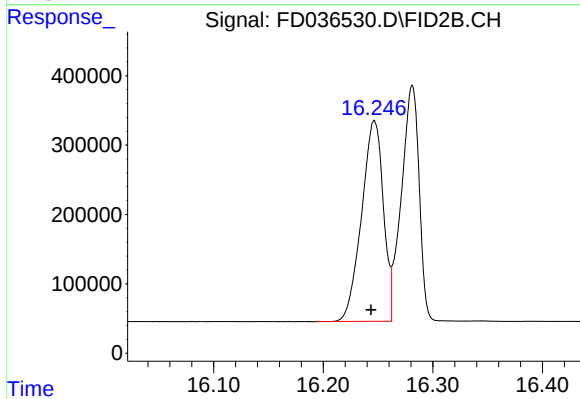
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: 0.003 min
Response: 4297372
Conc: 36.19 ug/ml



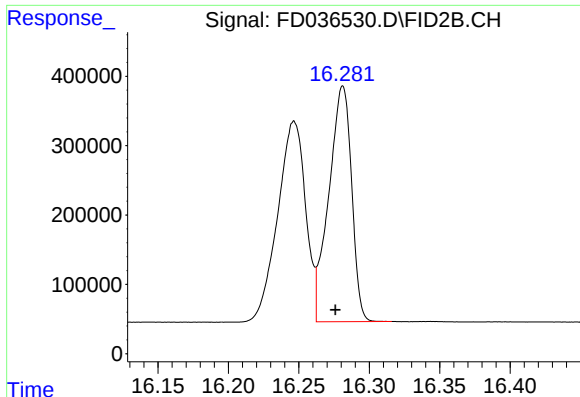
#15 Chrysene (C27.41)

R.T.: 14.744 min
Delta R.T.: 0.004 min
Response: 4469668
Conc: 36.96 ug/ml



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

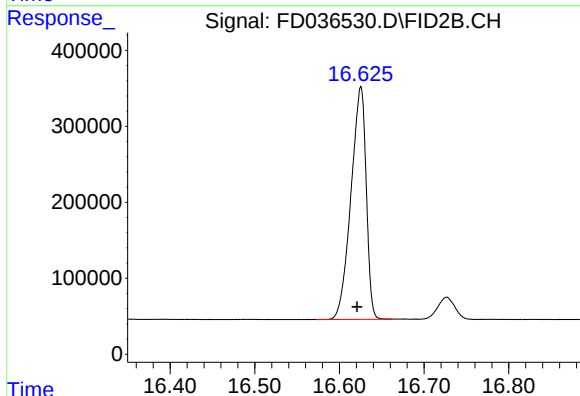
R.T.: 16.247 min
Delta R.T.: 0.003 min
Response: 3994311
Conc: 36.40 ug/ml



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

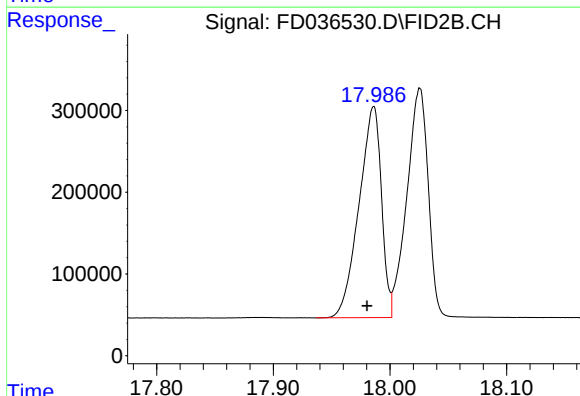
R.T.: 16.281 min
Delta R.T.: 0.005 min
Response: 3824680
Conc: 35.98 ug/ml

Instrument :
FID_D
ClientSampleId :



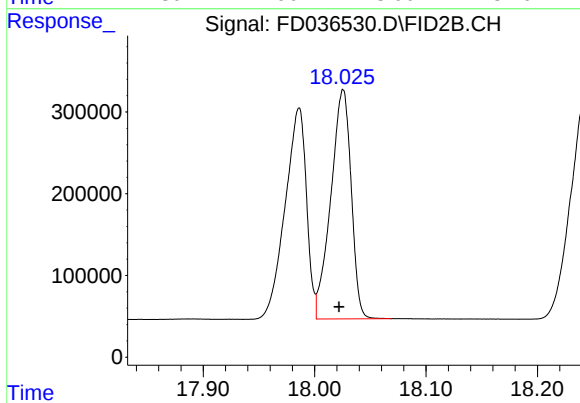
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.625 min
Delta R.T.: 0.005 min
Response: 3823796
Conc: 38.37 ug/ml



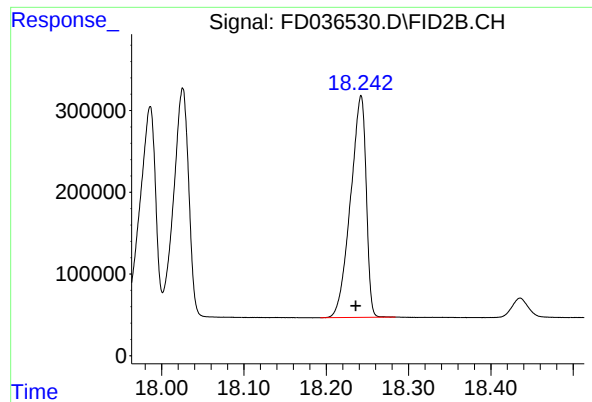
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: 0.006 min
Response: 3450605
Conc: 34.33 ug/ml



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

R.T.: 18.026 min
Delta R.T.: 0.004 min
Response: 3566127
Conc: 35.37 ug/ml



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

R.T.: 18.242 min
Delta R.T.: 0.006 min
Response: 3580882
Conc: 35.34 ug/ml

Instrument :
FID_D
ClientSampleId :