

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082420AR\
 Data File : FD034500.D
 Signal(s) : FID2B.CH
 Acq On : 24 Aug 2020 20:13
 Operator : DD\AJ
 Sample : L3747-01MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 340MSD

Integration File: autoint1.e
 Quant Time: Aug 25 02:25:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 2020
 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...	7.699	5856332	50.092 ug/ml
Spiked Amount 50.000		Recovery =	100.18%
6) S 2-Fluorobiphenyl (SURR)	8.567	4053224	48.890 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.78%
11) S ortho-Terphenyl (SURR)	11.611	8797475	64.737 ug/ml
Spiked Amount 50.000		Recovery =	129.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	4089035	32.081 ug/ml
2) T Naphthalene (C11.7)	6.035	5265445	39.357 ug/ml
3) T 2-Methylnaphthalene (...)	7.090	5741501	42.535 ug/ml
5) T Acenaphthylene (C15.06)	8.369	5624803	42.501 ug/ml
7) T Acenaphthene (C15.5)	8.666	6081342	45.219 ug/ml
8) T Flouorene (C16.55)	9.447	6110699	45.974 ug/ml
9) T Phenanthrene (C19.36)	10.848	6598292	49.226 ug/ml
10) T Anthracene (C19.43)	10.924	6618835	49.870 ug/ml
12) T Fluoranthene (C21.85)	12.669	12354678	90.899 ug/ml
13) T Pyrene (C20.8)	12.970	13088807	98.295 ug/ml
14) T Benzo[a]anthracene (C...	14.804	10846460	82.641 ug/ml
15) T Chrysene (C27.41)	14.859	21599209	164.742 ug/ml
16) T benzo[b]fluoranthene ...	16.373	5194609	40.604 ug/ml
17) T Bnezo[k]fluoranthene ...	16.421	19212025	155.115 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.745	5846984	46.699 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.111	2682512	22.294 ug/ml
20) T Dibenz[a,h]anthracene...	18.166	9280426	78.612 ug/ml
21) T Benzo[g,h,i]perylene ...	18.366	487474	4.114 ug/ml

(f)=RT Delta > 1/2 Window

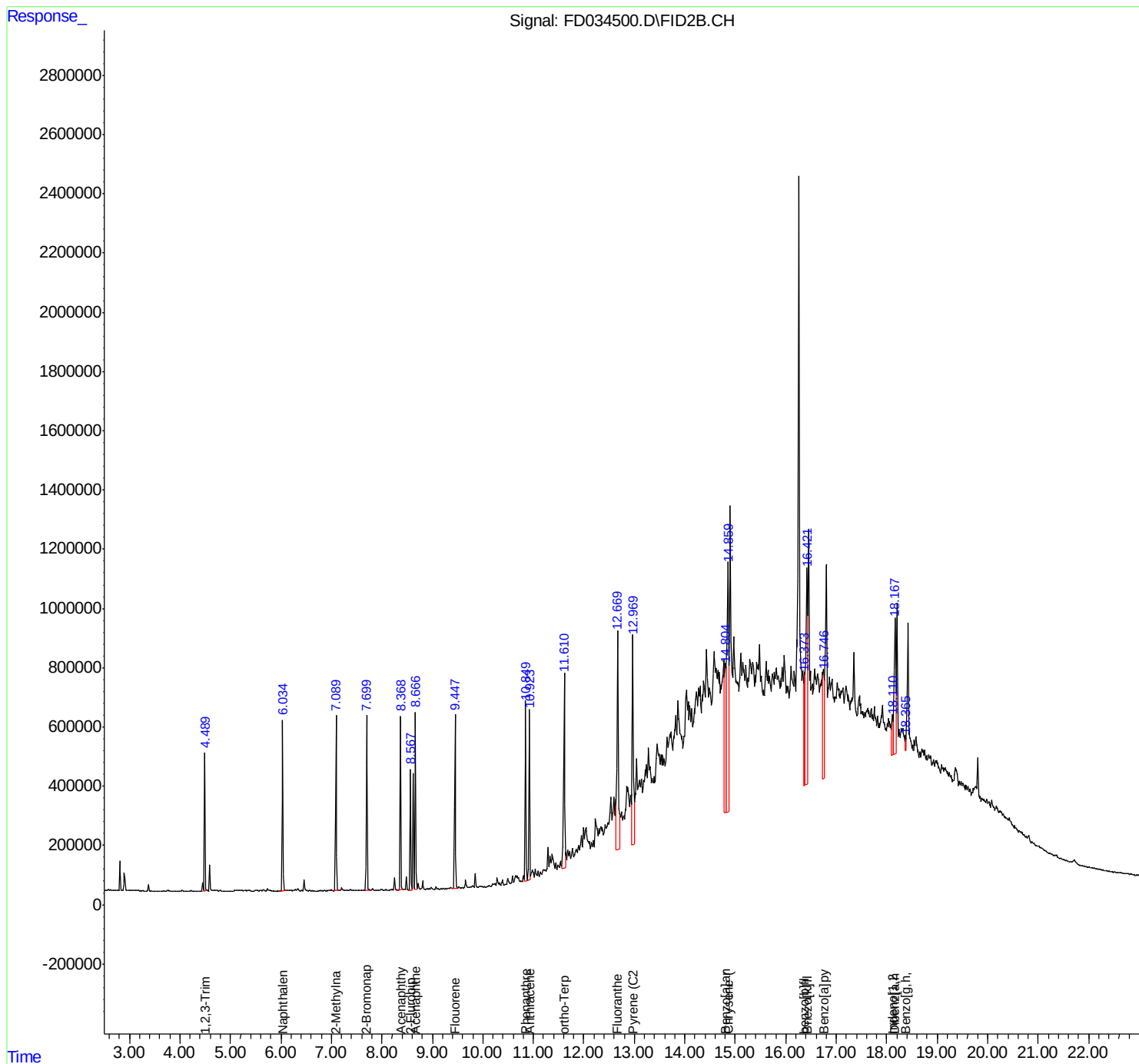
(m)=manual int.

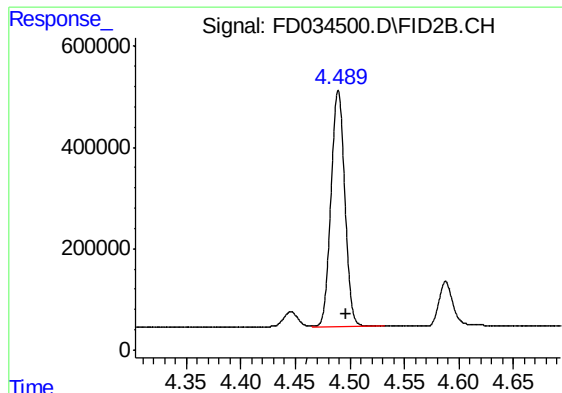
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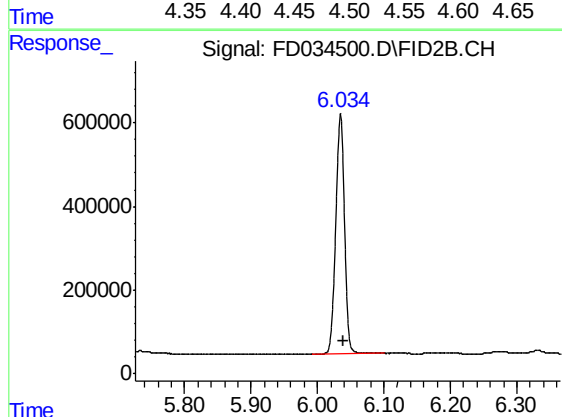




#1 1,2,3-Trimethylbenzene (C10.1)

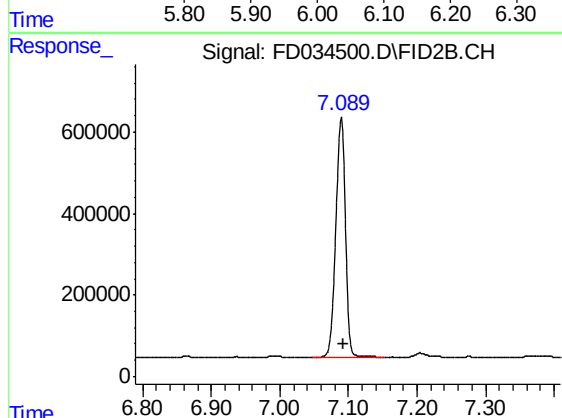
R.T.: 4.489 min
Delta R.T.: -0.007 min
Response: 4089035
Conc: 32.08 ug/ml

Instrument :
FID_D
ClientSampleId :
340MSD



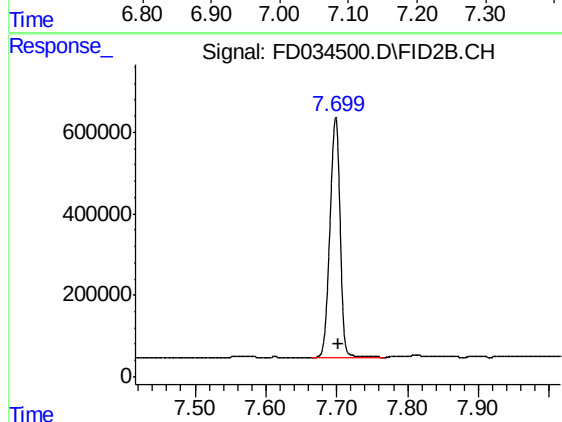
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: -0.004 min
Response: 5265445
Conc: 39.36 ug/ml



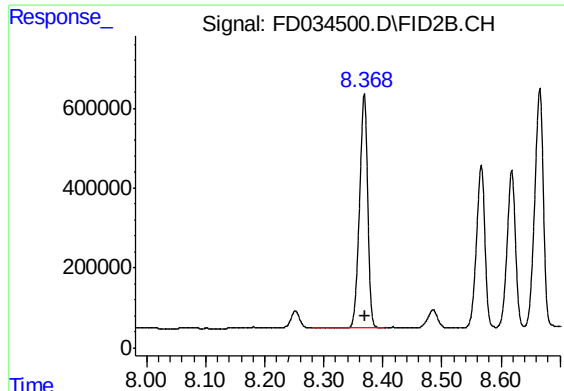
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.002 min
Response: 5741501
Conc: 42.54 ug/ml



#4 2-Bromonaphthalene (SURR)

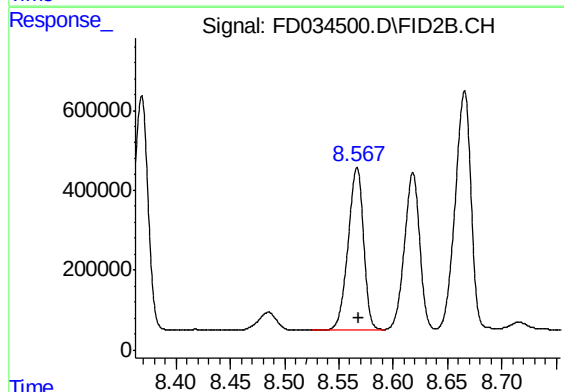
R.T.: 7.699 min
Delta R.T.: -0.003 min
Response: 5856332
Conc: 50.09 ug/ml



#5 Acenaphthylene (C15.06)

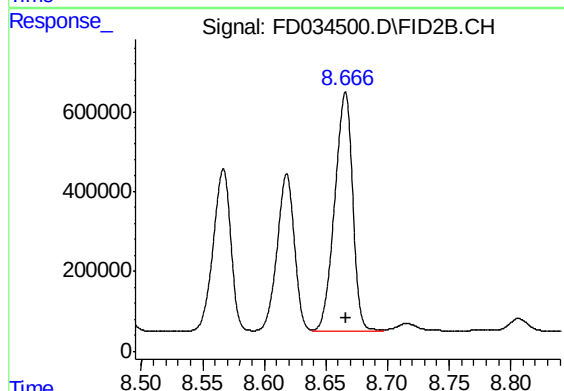
R.T.: 8.369 min
Delta R.T.: -0.002 min
Response: 5624803
Conc: 42.50 ug/ml

Instrument :
FID_D
ClientSampleId :
340MSD



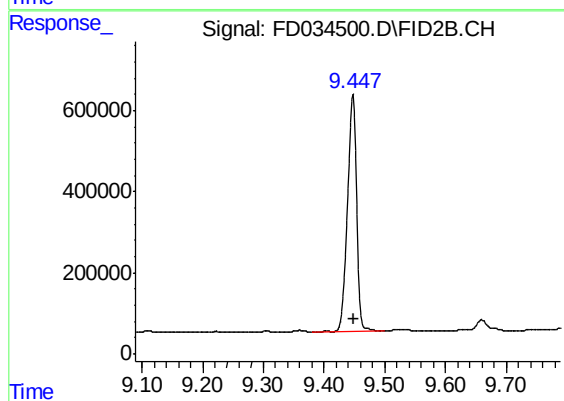
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.567 min
Delta R.T.: -0.001 min
Response: 4053224
Conc: 48.89 ug/ml



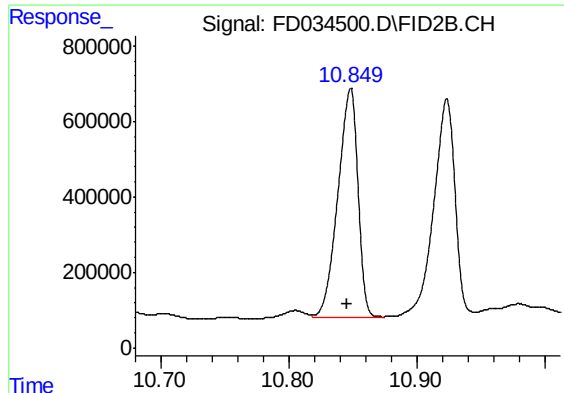
#7 Acenaphthene (C15.5)

R.T.: 8.666 min
Delta R.T.: 0.000 min
Response: 6081342
Conc: 45.22 ug/ml



#8 Flouorene (C16.55)

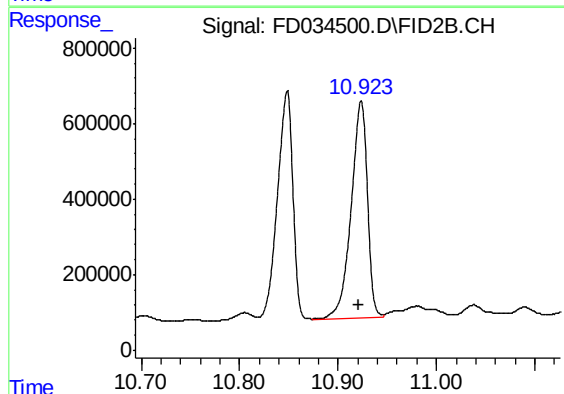
R.T.: 9.447 min
Delta R.T.: 0.000 min
Response: 6110699
Conc: 45.97 ug/ml



#9 Phenanthrene (C19.36)

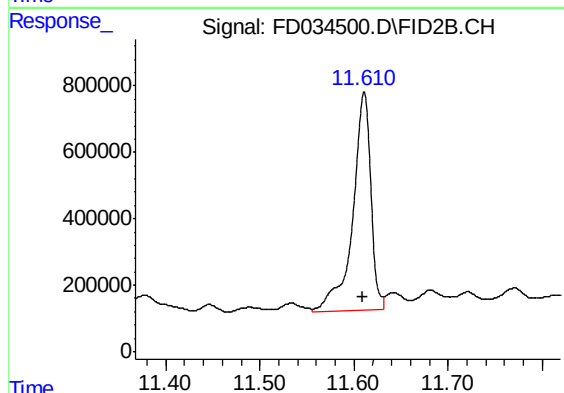
R.T.: 10.848 min
Delta R.T.: 0.002 min
Response: 6598292
Conc: 49.23 ug/ml

Instrument :
FID_D
ClientSampleId :
340MSD



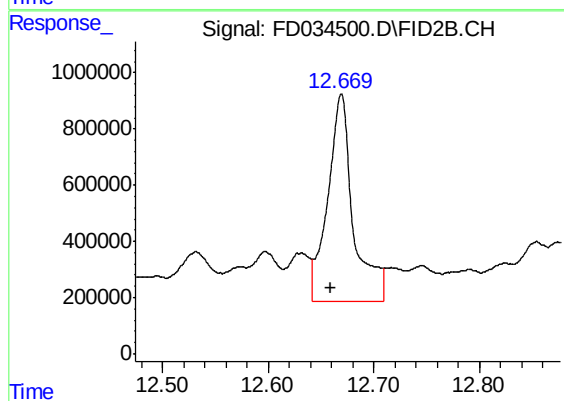
#10 Anthracene (C19.43)

R.T.: 10.924 min
Delta R.T.: 0.003 min
Response: 6618835
Conc: 49.87 ug/ml



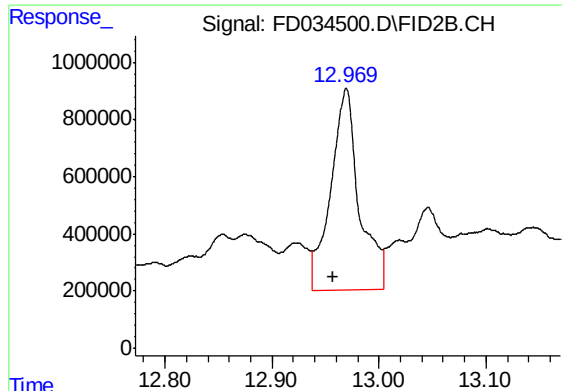
#11 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: 0.001 min
Response: 8797475
Conc: 64.74 ug/ml



#12 Fluoranthene (C21.85)

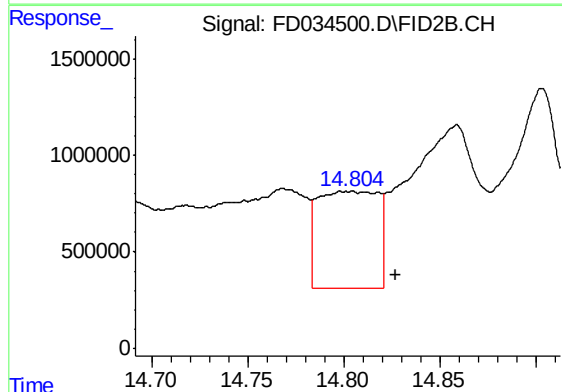
R.T.: 12.669 min
Delta R.T.: 0.011 min
Response: 12354678
Conc: 90.90 ug/ml



#13 Pyrene (C20.8)

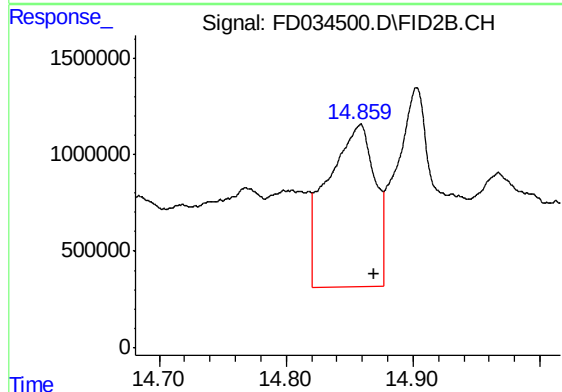
R.T.: 12.970 min
Delta R.T.: 0.013 min
Response: 13088807
Conc: 98.29 ug/ml

Instrument :
FID_D
ClientSampleId :
340MSD



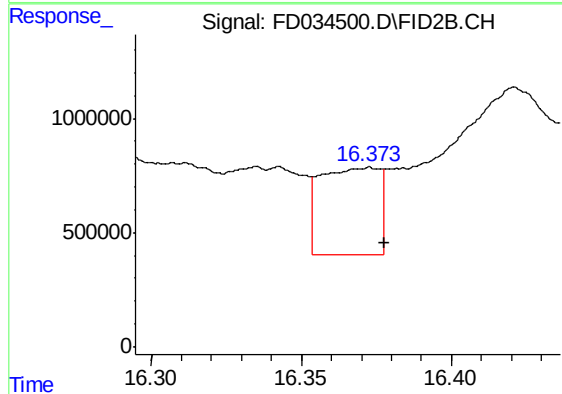
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.804 min
Delta R.T.: -0.024 min
Response: 10846460
Conc: 82.64 ug/ml



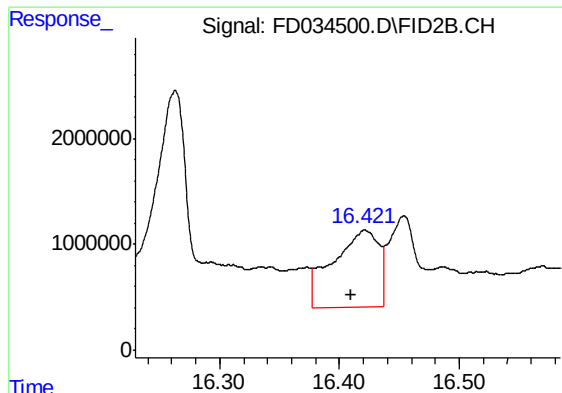
#15 Chrysene (C27.41)

R.T.: 14.859 min
Delta R.T.: -0.011 min
Response: 21599209
Conc: 164.74 ug/ml



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

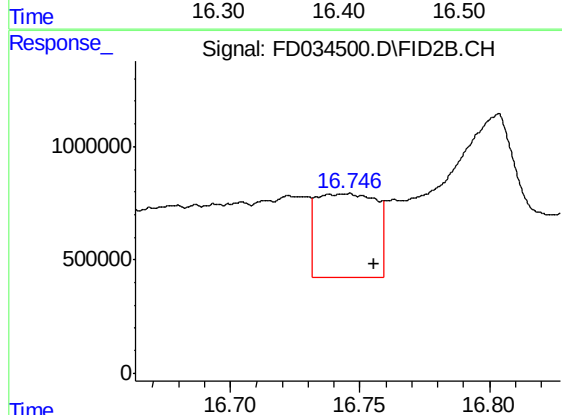
R.T.: 16.373 min
Delta R.T.: -0.005 min
Response: 5194609
Conc: 40.60 ug/ml



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

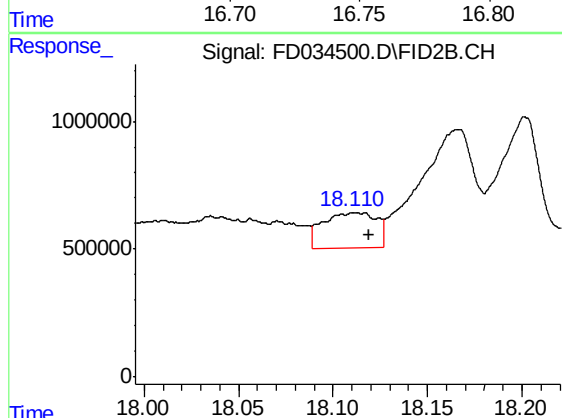
R.T.: 16.421 min
Delta R.T.: 0.011 min
Response: 19212025
Conc: 155.12 ug/ml

Instrument :
FID_D
ClientSampleId :
340MSD



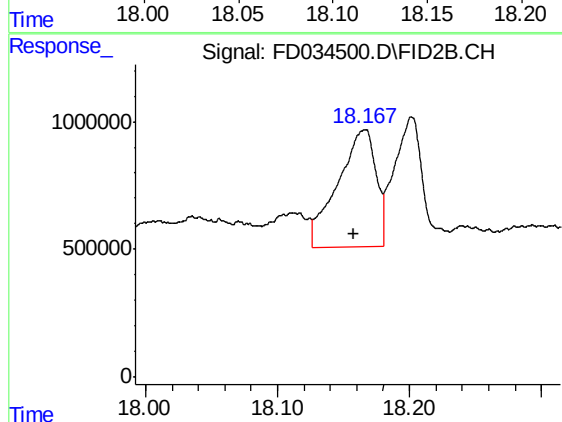
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.745 min
Delta R.T.: -0.011 min
Response: 5846984
Conc: 46.70 ug/ml



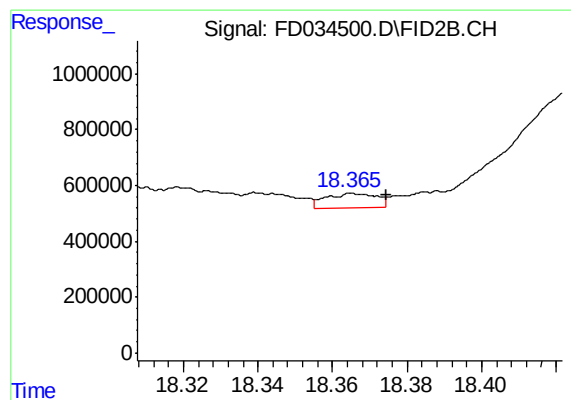
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.111 min
Delta R.T.: -0.007 min
Response: 2682512
Conc: 22.29 ug/ml



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

R.T.: 18.166 min
Delta R.T.: 0.009 min
Response: 9280426
Conc: 78.61 ug/ml



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

R.T.: 18.366 min
Delta R.T.: -0.009 min
Response: 487474
Conc: 4.11 ug/ml

Instrument :
FID_D
ClientSampleId :
340MSD