

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

Manual Integrations
 APPROVED

Ankita
 8/25/2020 8:47:37 AM

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 Fluorene (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	7477296	55.014 ug/mlm
13) T Pyrene (C20.8)	12.969	7759413	58.272 ug/mlm
14) T Benzo[a]anthracene (C...	14.859	5674886	43.238 ug/mlm
15) T Chrysene (C27.41)	14.859	5512003	42.041 ug/mlm
16) T benzo[b]fluoranthene ...	16.421	6105661	47.725 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.421	6350413	51.272 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.803	6436632	51.409 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.167	5888175	48.935 ug/mlm
20) T Dibenz[a,h]anthracene...	18.167	5932946	50.256 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.365	145135	1.225 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : L3747-01MSD
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ALS Vial : 60 Sample Multiplier: 1

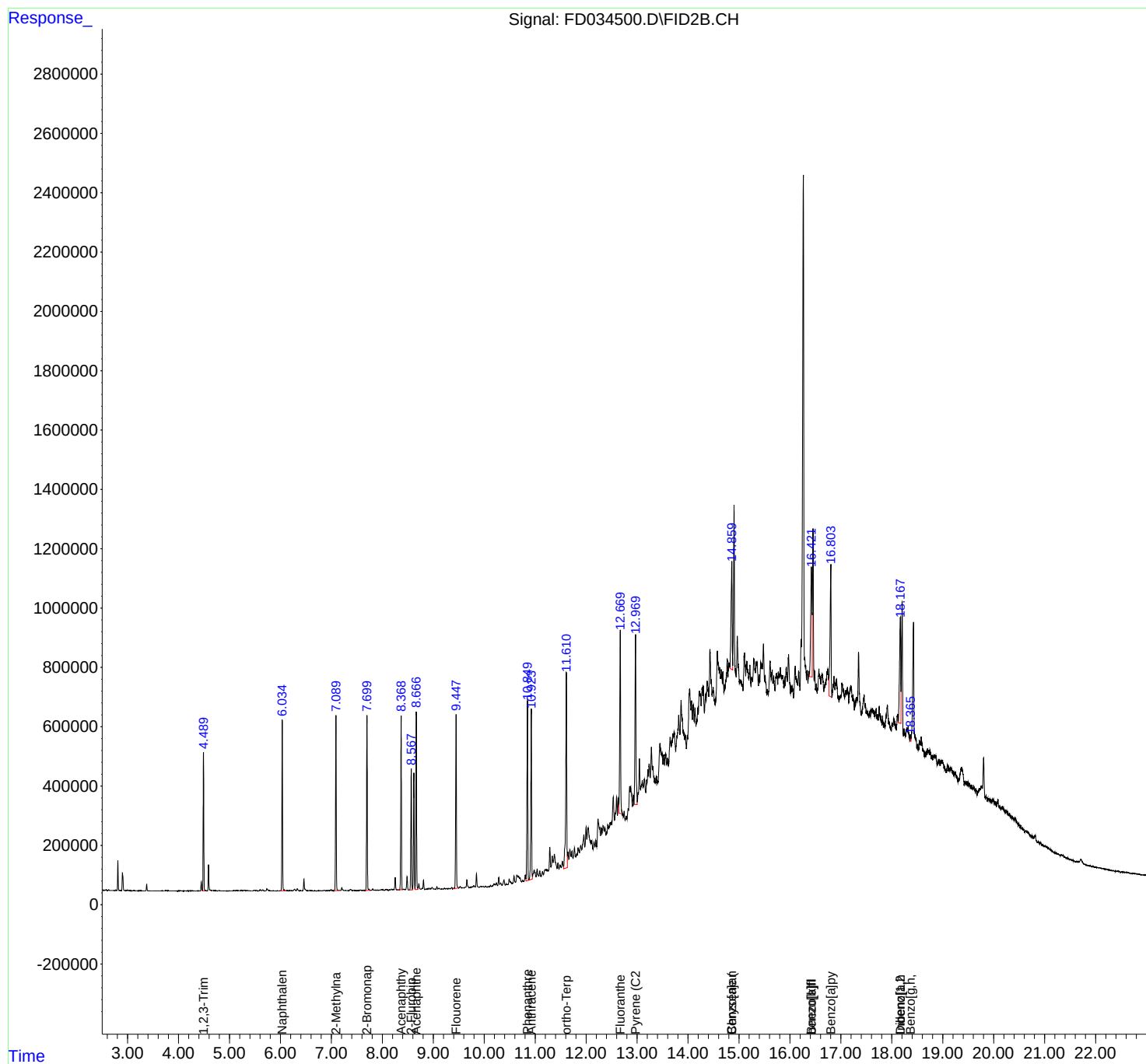
Instrument :
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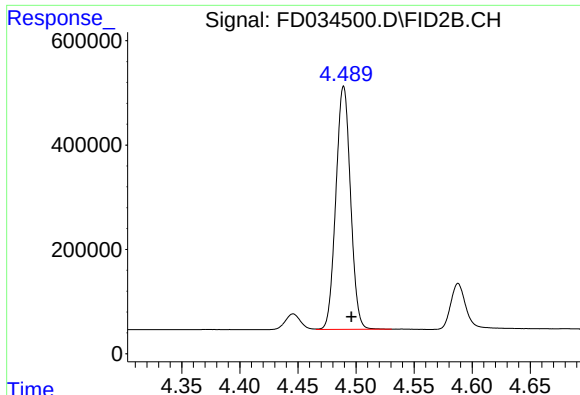
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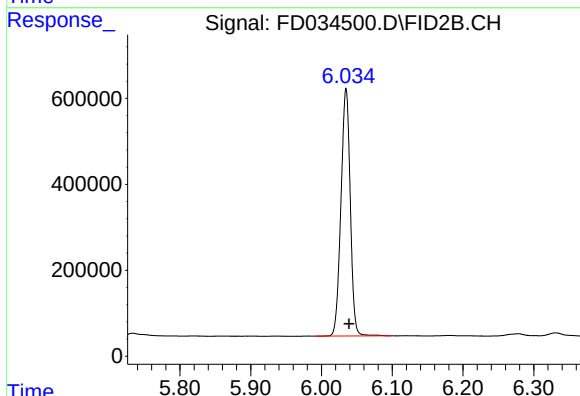
#1 1,2,3-Trimethylbenzene (C10.1)

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

Instrument :
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ClientSampleId :
340MSD

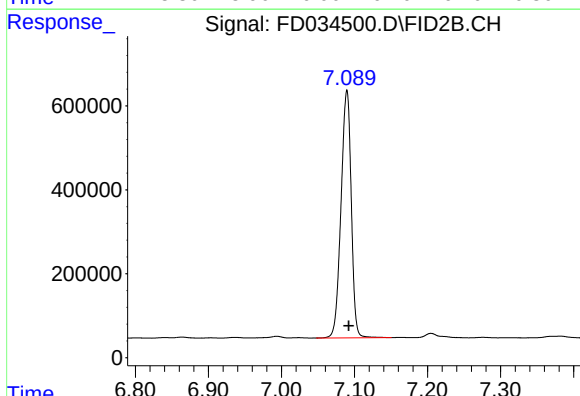
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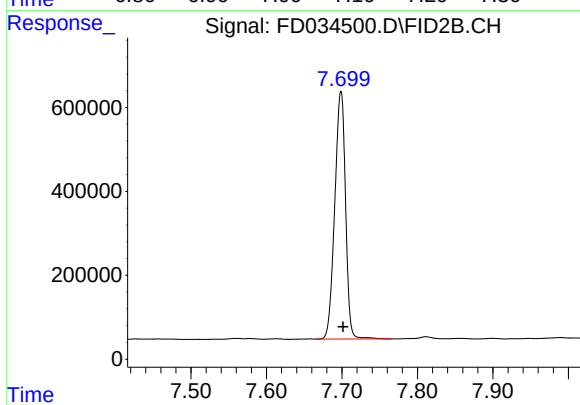
#2 Naphthalene (C11.7)

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



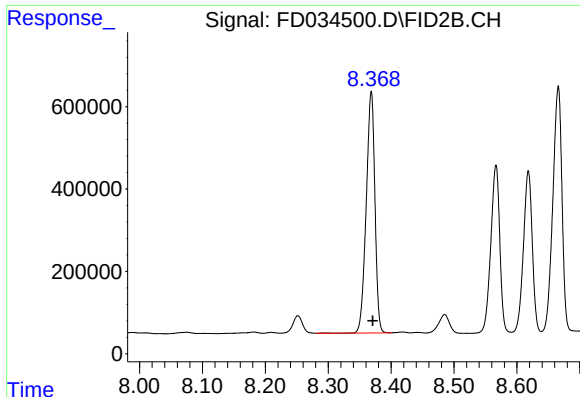
#3 2-Methylnaphthalene (C12.89)

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



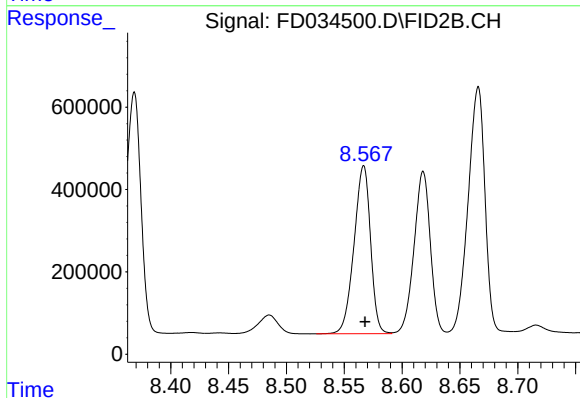
#5 Acenaphthylene (C15.06)

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

Instrument :
FID_D
ClientSampleId :
340MSD

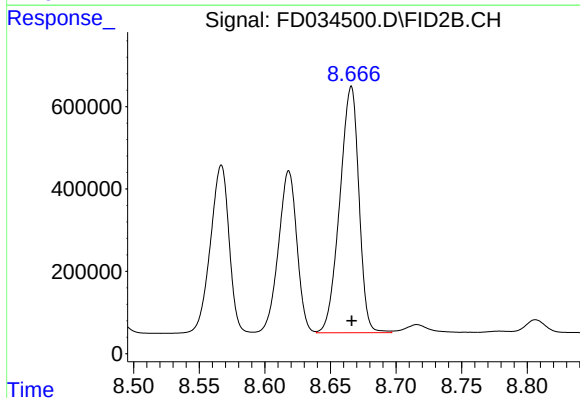
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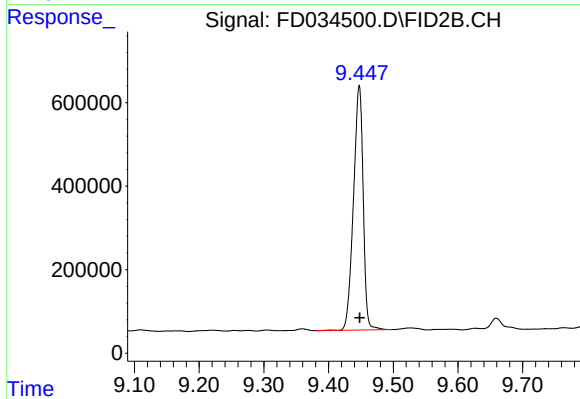
#6 2-Fluorobiphenyl (SURR)

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



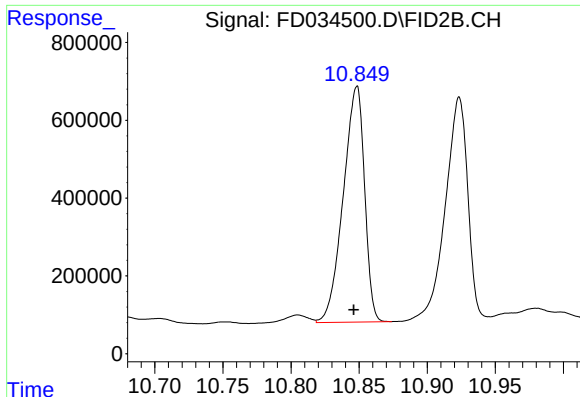
#7 Acenaphthene (C15.5)

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



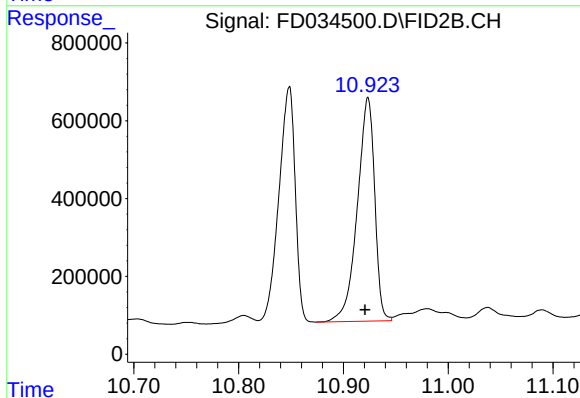
#9 Phenanthrene (C19.36)

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

Instrument :
FID_D
ClientSampleId :
340MSD

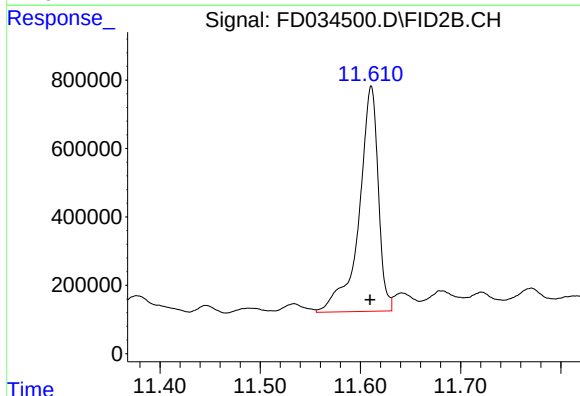
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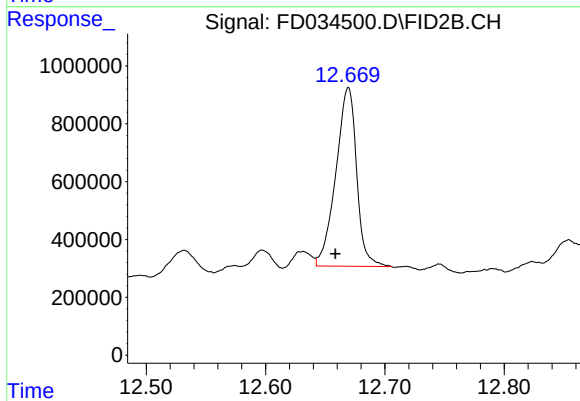
#10 Anthracene (C19.43)

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



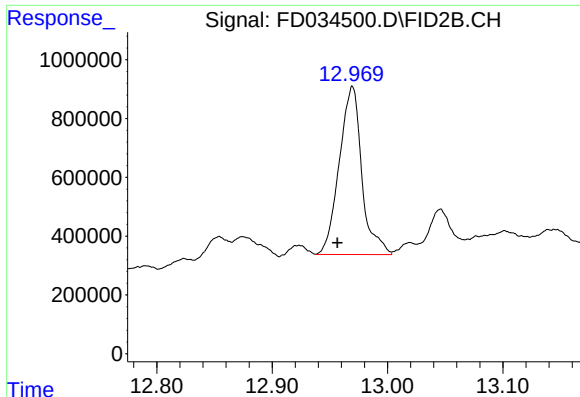
#11 ortho-Terphenyl (SURR)

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.: 0.010 min
Response: 7477296
Conc: 55.01 ug/ml m



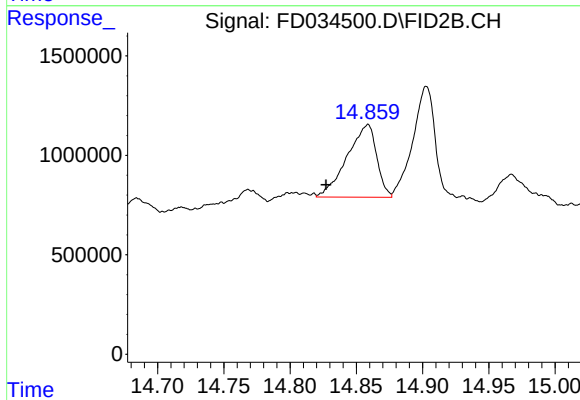
#13 Pyrene (C20.8)

R.T.: 12.969 min
Delta R.T.: 0.012 min
Response: 7759413
Conc: 58.27 ug/ml m

Instrument :
FID_D
ClientSampleId :
340MSD

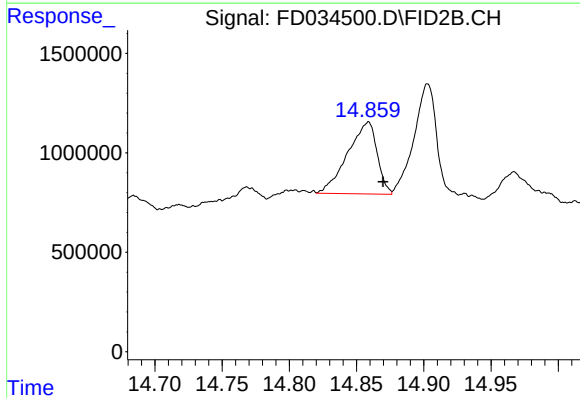
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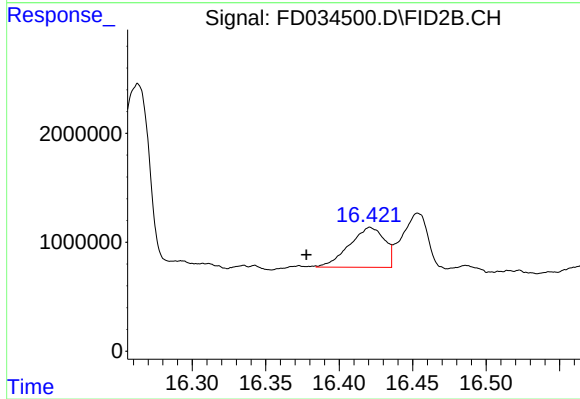
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.859 min
Delta R.T.: 0.031 min
Response: 5674886
Conc: 43.24 ug/ml m



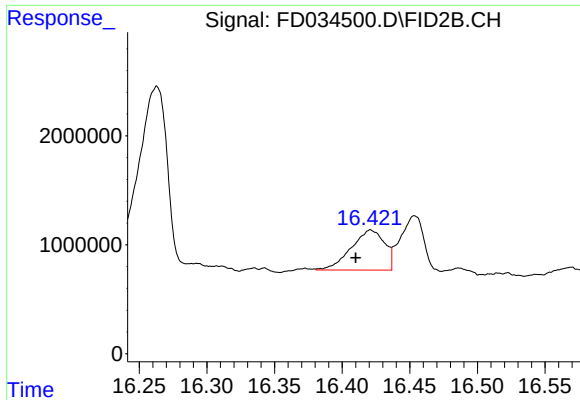
#15 Chrysene (C27.41)

R.T.: 14.859 min
Delta R.T.: -0.011 min
Response: 5512003
Conc: 42.04 ug/ml m



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

R.T.: 16.421 min
Delta R.T.: 0.043 min
Response: 6105661
Conc: 47.72 ug/ml m



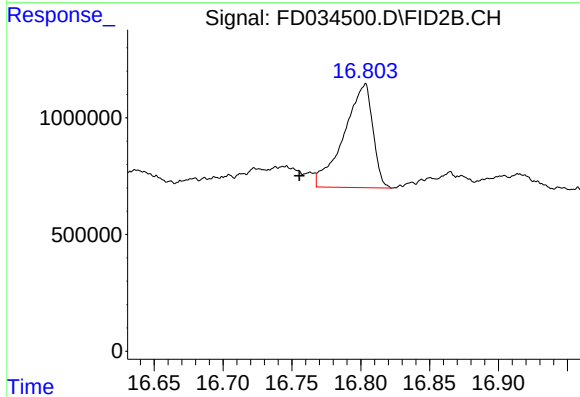
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.421 min
Delta R.T.: 0.010 min
Response: 6350413
Conc: 51.27 ug/ml m

Instrument :
FID_D
ClientSampleId :
340MSD

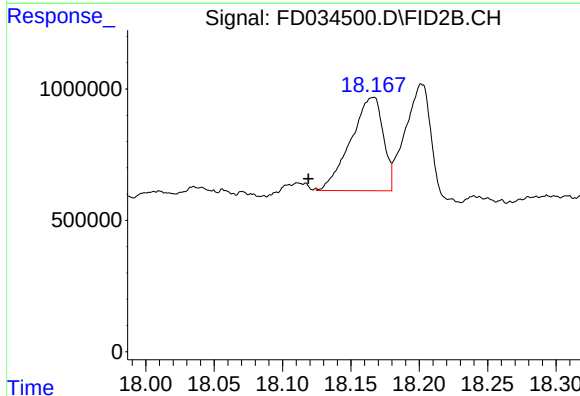
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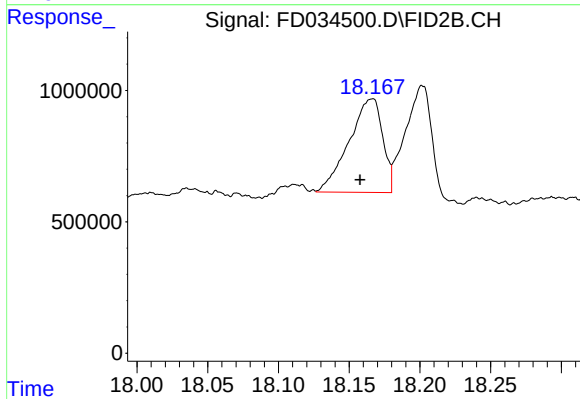
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.803 min
Delta R.T.: 0.048 min
Response: 6436632
Conc: 51.41 ug/ml m



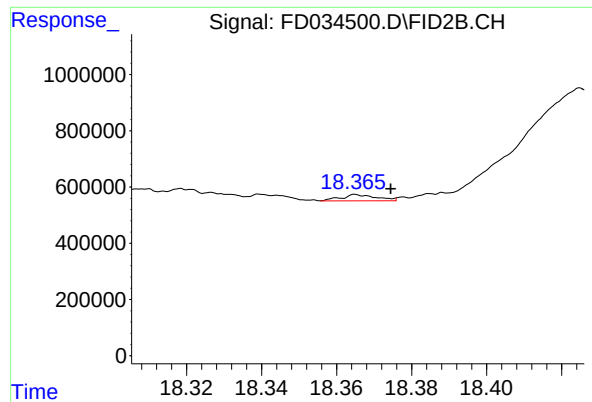
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.167 min
Delta R.T.: 0.048 min
Response: 5888175
Conc: 48.94 ug/ml m



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

R.T.: 18.167 min
Delta R.T.: 0.009 min
Response: 5932946
Conc: 50.26 ug/ml m



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

R.T.: 18.365 min
Delta R.T.: -0.010 min
Response: 145135
Conc: 1.22 ug/ml m

Instrument :
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