

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032241.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jan 2020 14:49
 Operator : DD\AJ
 Sample : L1161-07
 Misc : LOD 2.5 PPM -WATER (ARO)
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Integration File: autoint1.e
 Quant Time: Feb 01 00:44:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.635	4928708	43.845 ug/ml
Spiked Amount 50.000		Recovery =	87.69%
6) S 2-Fluorobiphenyl (SURR)	8.498	3023256	38.788 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.58%
11) S ortho-Terphenyl (SURR)	11.535	4471705	36.029 ug/ml
Spiked Amount 50.000		Recovery =	72.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	209198	1.847 ug/ml
2) T Naphthalene (C11.7)	5.974	231727	1.905 ug/ml
3) T 2-Methylnaphthalene (...)	7.024	229217	1.872 ug/ml
5) T Acenaphthylene (C15.06)	8.299	216987	1.813 ug/ml
7) T Acenaphthene (C15.5)	8.593	213884	1.730 ug/ml
8) T Fluorene (C16.55)	9.372	214526	1.718 ug/ml
9) T Phenanthrene (C19.36)	10.767	204277	1.618 ug/ml
10) T Anthracene (C19.43)	10.842	197418	1.577 ug/ml
12) T Fluoranthene (C21.85)	12.576	209800	1.639 ug/ml
13) T Pyrene (C20.8)	12.874	206159	1.638 ug/ml
14) T Benzo[a]anthracene (C...	14.743	197374	1.616 ug/ml
15) T Chrysene (C27.41)	14.785	234780	1.908 ug/ml
16) T benzo[b]fluoranthene ...	16.292	204732	1.695 ug/ml
17) T Bnezo[k]fluoranthene ...	16.322	216363	1.788 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	182911	1.531 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	190354	1.657 ug/ml
20) T Dibenz[a,h]anthracene...	18.075	232646	1.989 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	197061	1.729 ug/ml

(f)=RT Delta > 1/2 Window

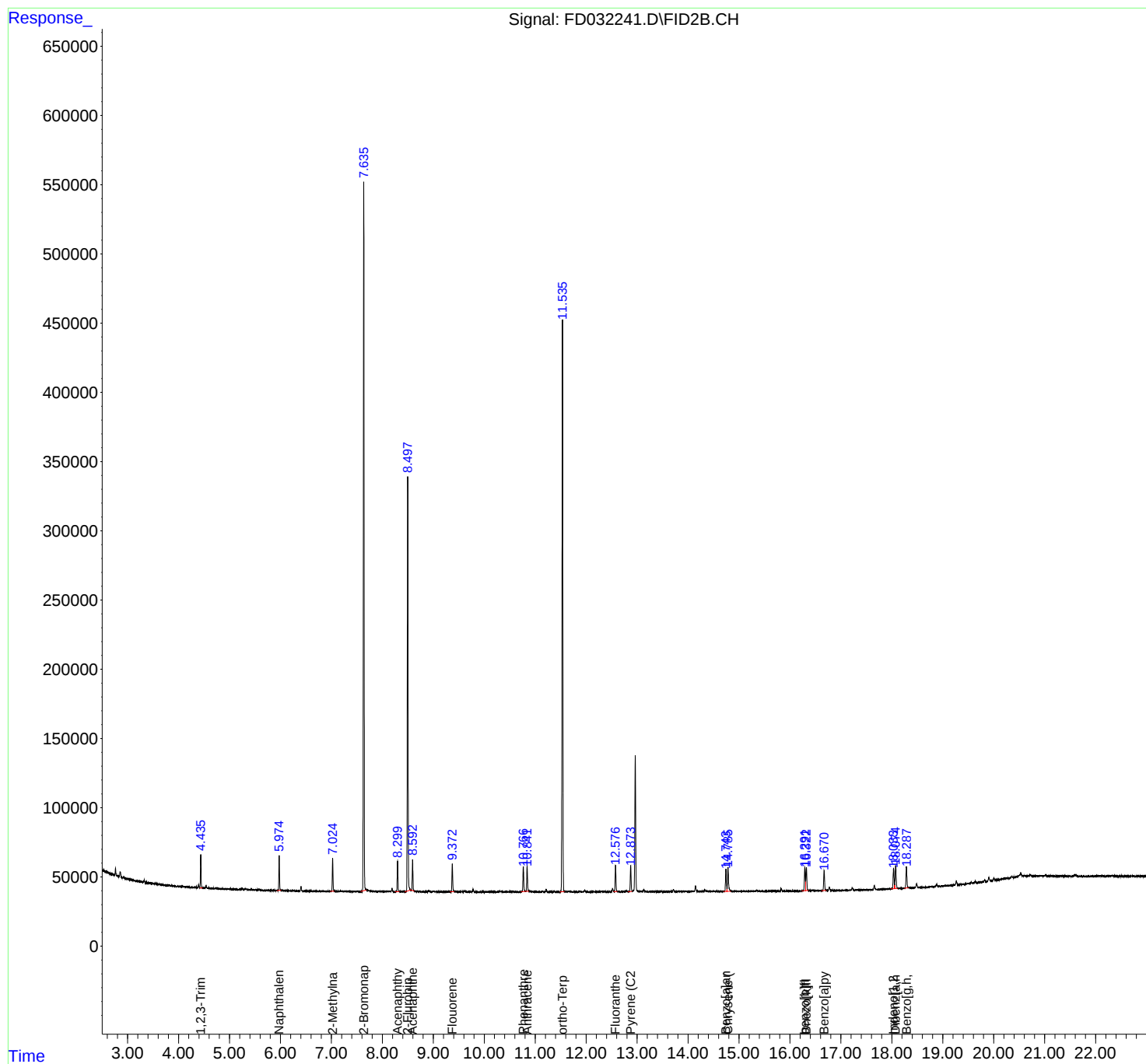
(m)=manual int.

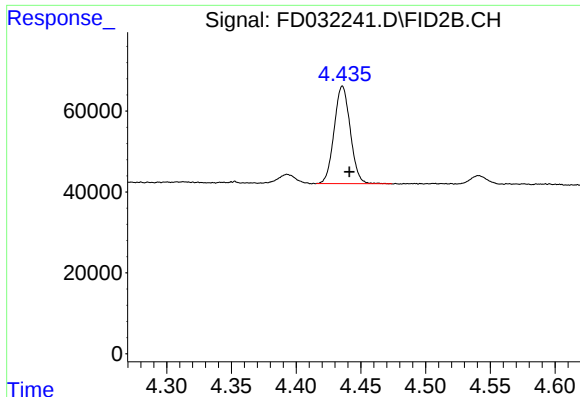
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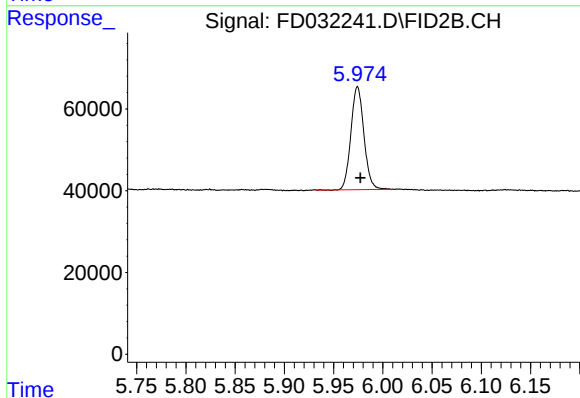




#1 1,2,3-Trimethylbenzene (C10.1)

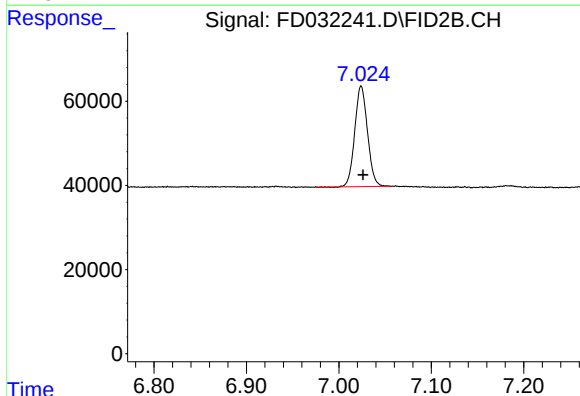
R.T.: 4.436 min
Delta R.T.: -0.005 min
Response: 209198
Conc: 1.85 ug/ml

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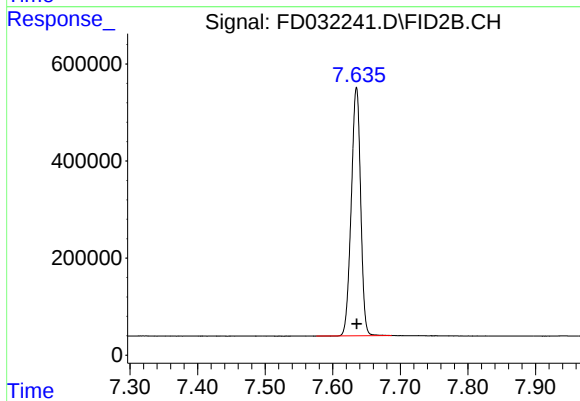
#2 Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 231727
Conc: 1.91 ug/ml



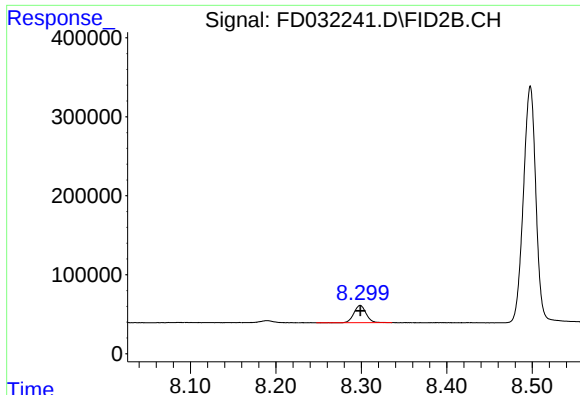
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 229217
Conc: 1.87 ug/ml



#4 2-Bromonaphthalene (SURR)

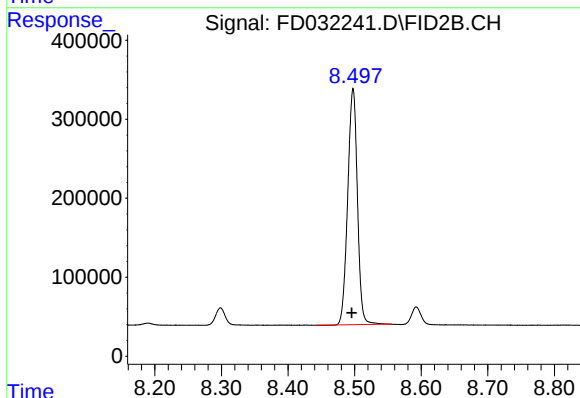
R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 4928708
Conc: 43.84 ug/ml



#5 Acenaphthylene (C15.06)

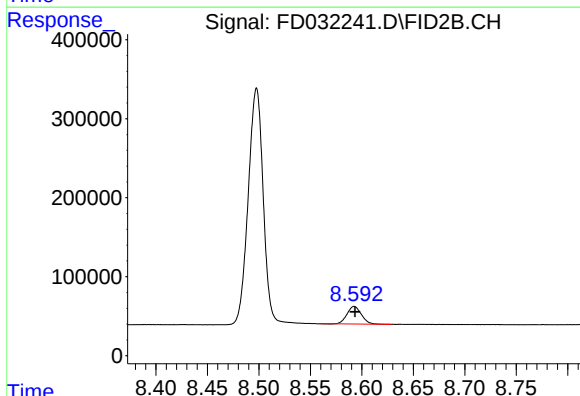
R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 216987
Conc: 1.81 ug/ml

Instrument :
FID_D
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LOD-MDL-WATER-01-QT1-2020



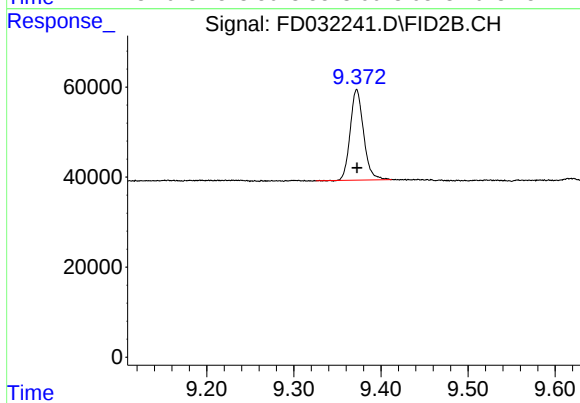
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 3023256
Conc: 38.79 ug/ml



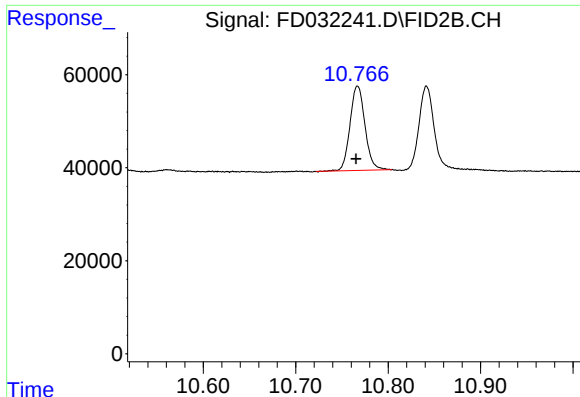
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 213884
Conc: 1.73 ug/ml



#8 Fluorene (C16.55)

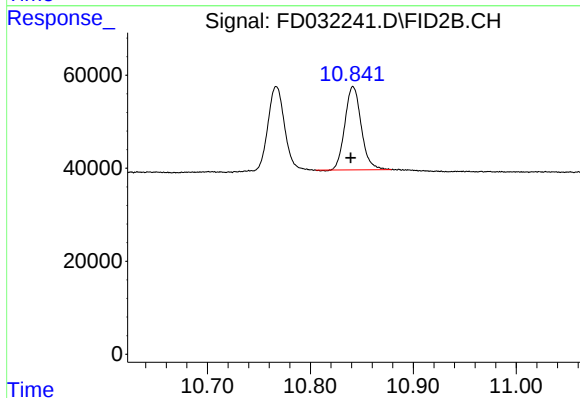
R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 214526
Conc: 1.72 ug/ml



#9 Phenanthrene (C19.36)

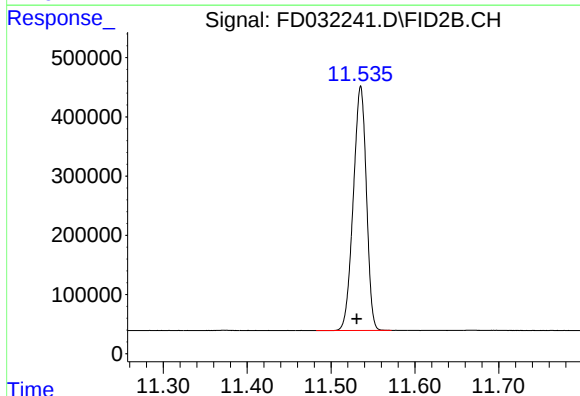
R.T.: 10.767 min
Delta R.T.: 0.002 min
Response: 204277
Conc: 1.62 ug/ml

Instrument :
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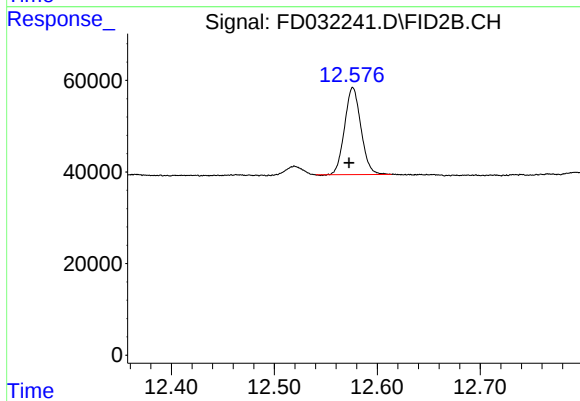
#10 Anthracene (C19.43)

R.T.: 10.842 min
Delta R.T.: 0.002 min
Response: 197418
Conc: 1.58 ug/ml



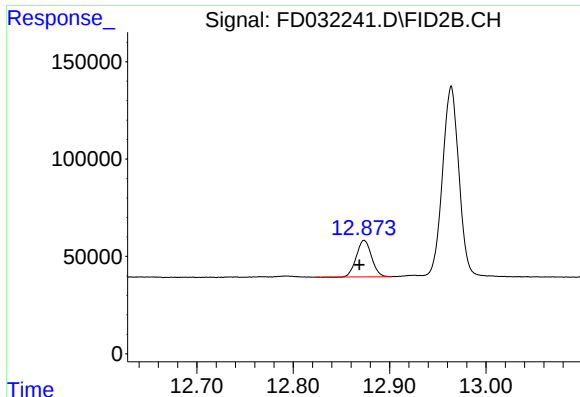
#11 ortho-Terphenyl (SURRE)

R.T.: 11.535 min
Delta R.T.: 0.005 min
Response: 4471705
Conc: 36.03 ug/ml



#12 Fluoranthene (C21.85)

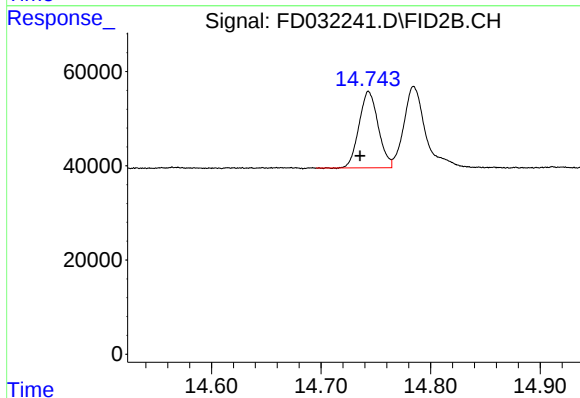
R.T.: 12.576 min
Delta R.T.: 0.004 min
Response: 209800
Conc: 1.64 ug/ml



#13 Pyrene (C20.8)

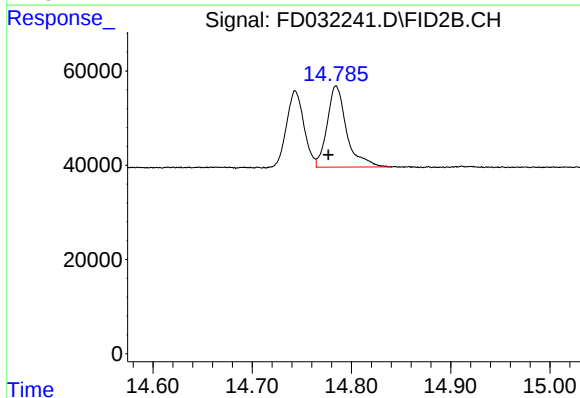
R.T.: 12.874 min
Delta R.T.: 0.005 min
Response: 206159
Conc: 1.64 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



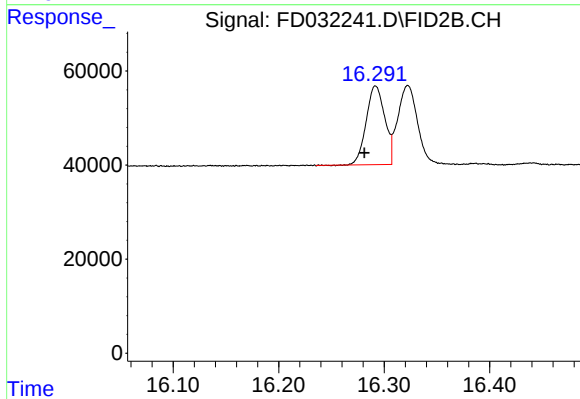
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: 0.008 min
Response: 197374
Conc: 1.62 ug/ml



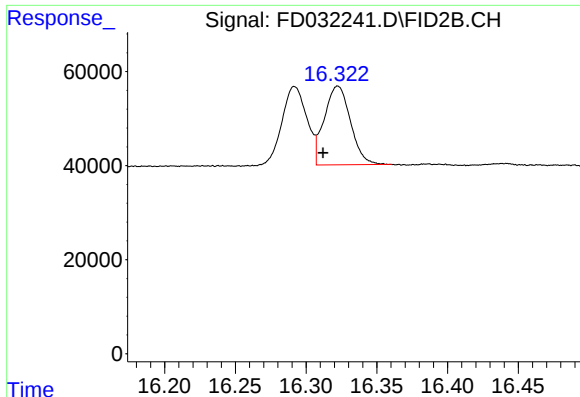
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: 0.008 min
Response: 234780
Conc: 1.91 ug/ml



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

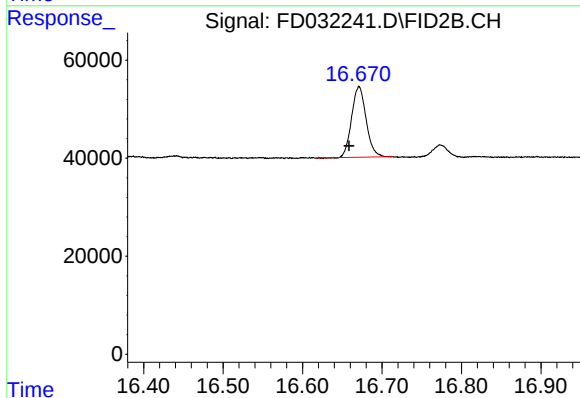
R.T.: 16.292 min
Delta R.T.: 0.011 min
Response: 204732
Conc: 1.70 ug/ml



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

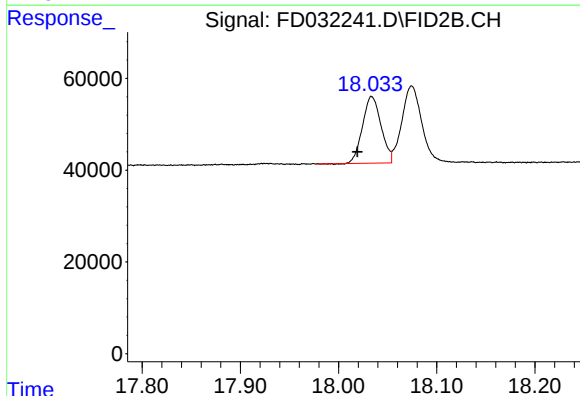
R.T.: 16.322 min
Delta R.T.: 0.010 min
Response: 216363
Conc: 1.79 ug/ml

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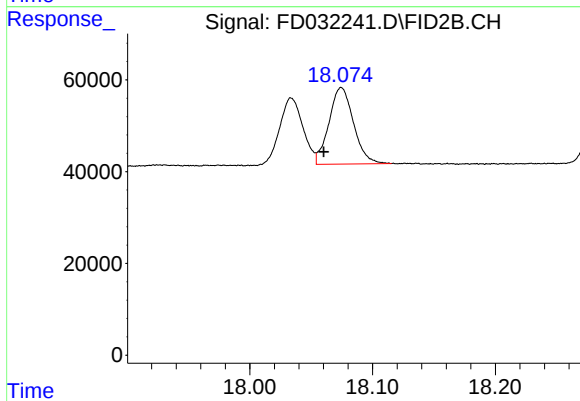
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: 0.013 min
Response: 182911
Conc: 1.53 ug/ml



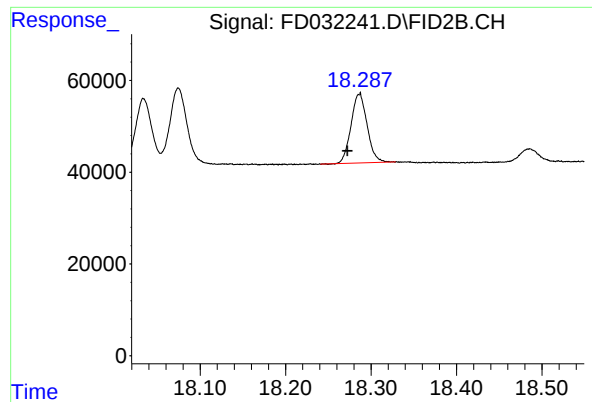
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: 0.015 min
Response: 190354
Conc: 1.66 ug/ml



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

R.T.: 18.075 min
Delta R.T.: 0.014 min
Response: 232646
Conc: 1.99 ug/ml



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

R.T.: 18.286 min
Delta R.T.: 0.014 min
Response: 197061
Conc: 1.73 ug/ml

Instrument :
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