

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032237.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jan 2020 12:27
 Operator : DD\AJ
 Sample : L1161-01
 Misc : LOD 2.5 PPM -SOIL (ARO)
 ALS Vial : 55 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 2/3/2020 2:39:19 PM

Integration File: autoint1.e
 Quant Time: Feb 01 00:43:30 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...	7.636	4603479	40.952 ug/ml
Spiked Amount 50.000		Recovery =	81.90%
6) S 2-Fluorobiphenyl (SURR)	8.498	2854719	36.626 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	73.25%
11) S ortho-Terphenyl (SURR)	11.535	4135089	33.316 ug/ml
Spiked Amount 50.000		Recovery =	66.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	191602	1.692 ug/ml
2) T Naphthalene (C11.7)	5.975	213950	1.759 ug/ml
3) T 2-Methylnaphthalene (...)	7.025	214310	1.750 ug/ml
5) T Acenaphthylene (C15.06)	8.298	206589	1.726 ug/mlm
7) T Acenaphthene (C15.5)	8.593	215976	1.747 ug/mlm
8) T Flouorene (C16.55)	9.372	220911	1.769 ug/mlm
9) T Phenanthrene (C19.36)	10.768	197947	1.568 ug/mlm
10) T Anthracene (C19.43)	10.841	197015	1.574 ug/mlm
12) T Fluoranthene (C21.85)	12.576	207868	1.624 ug/mlm
13) T Pyrene (C20.8)	12.873	201160	1.598 ug/mlm
14) T Benzo[a]anthracene (C...	14.743	192538	1.577 ug/mlm
15) T Chrysene (C27.41)	14.784	221062	1.796 ug/mlm
16) T benzo[b]fluoranthene ...	16.292	200774	1.663 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.322	223132	1.844 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.669	182966	1.532 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.033	193276	1.682 ug/mlm
20) T Dibenz[a,h]anthracene...	18.076	232480	1.988 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.286	198441	1.742 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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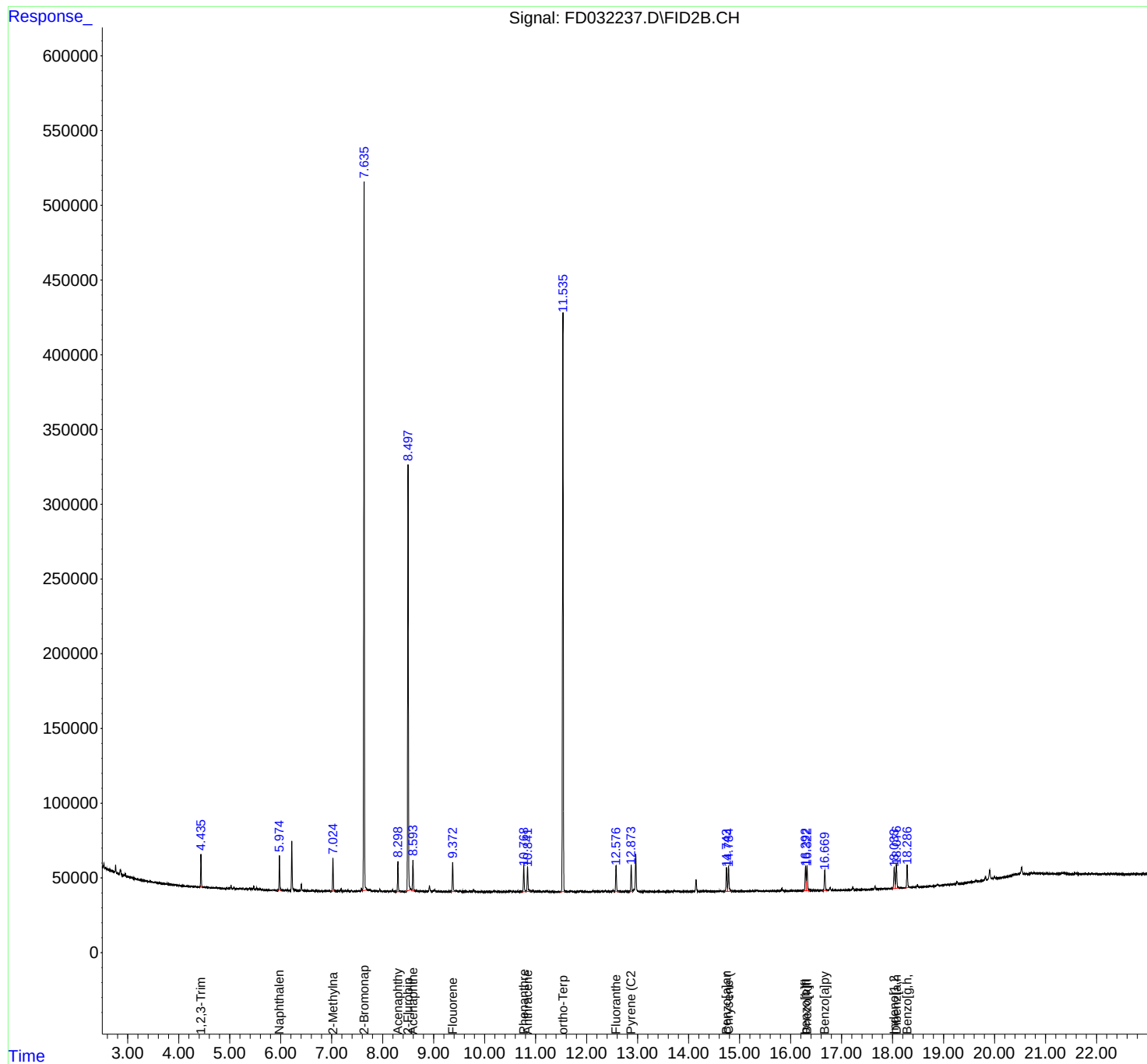
Instrument :
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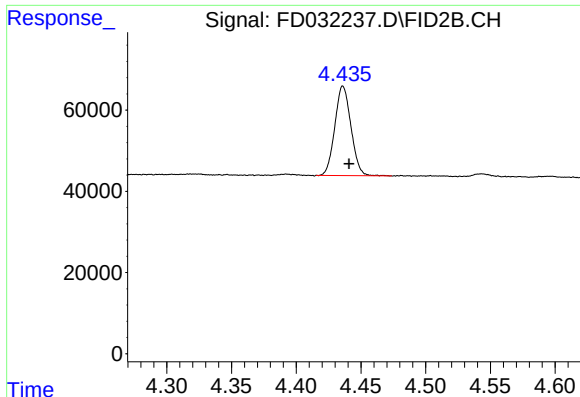
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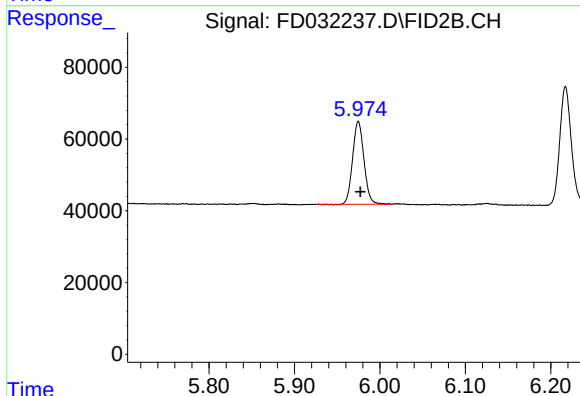
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.436 min
Delta R.T.: -0.005 min
Response: 191602
Conc: 1.69 ug/ml

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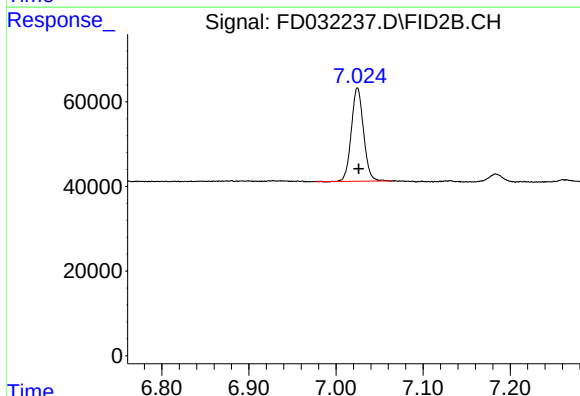
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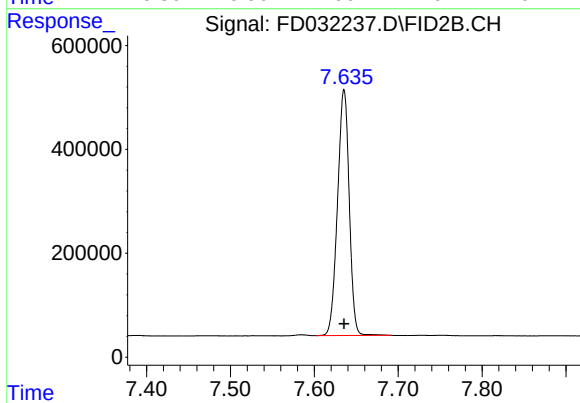
#2 Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 213950
Conc: 1.76 ug/ml



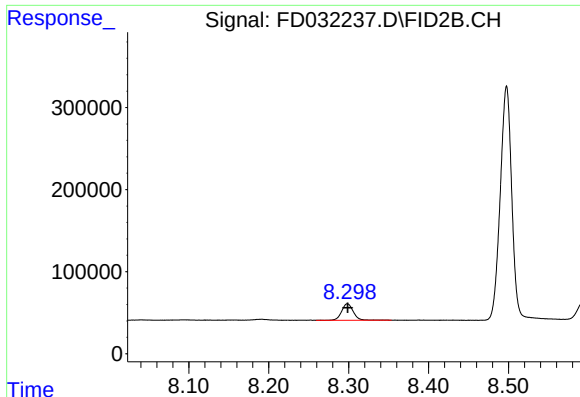
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.001 min
Response: 214310
Conc: 1.75 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 4603479
Conc: 40.95 ug/ml



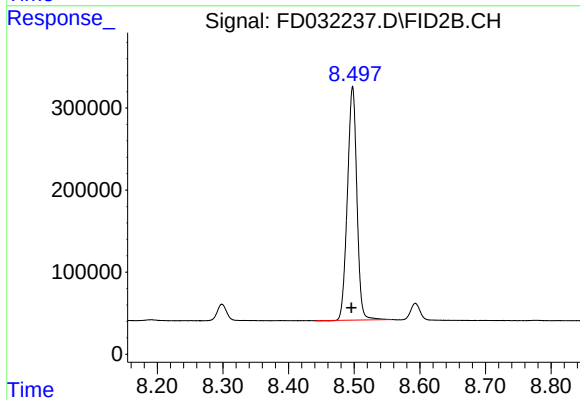
#5 Acenaphthylene (C15.06)

R.T.: 8.298 min
Delta R.T.: 0.000 min
Response: 206589
Conc: 1.73 ug/ml m

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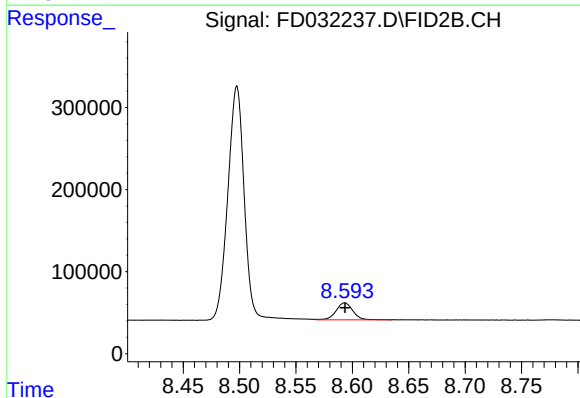
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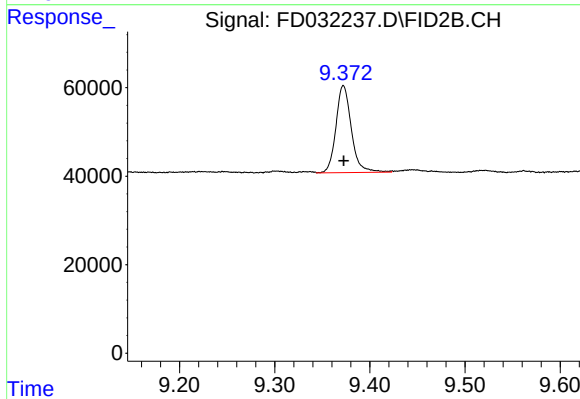
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 2854719
Conc: 36.63 ug/ml



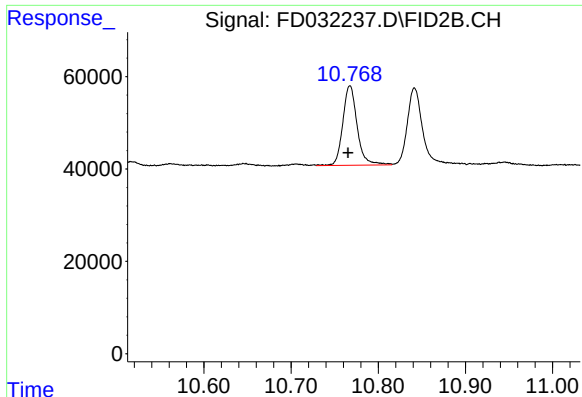
#7 Acenaphthene (C15.5)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 215976
Conc: 1.75 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 220911
Conc: 1.77 ug/ml m



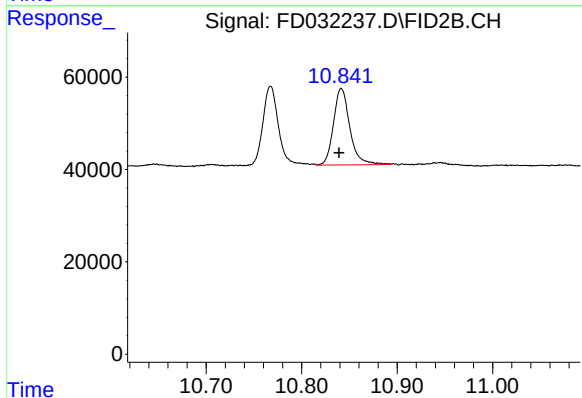
#9 Phenanthrene (C19.36)

R.T.: 10.768 min
Delta R.T.: 0.002 min
Response: 197947
Conc: 1.57 ug/ml m

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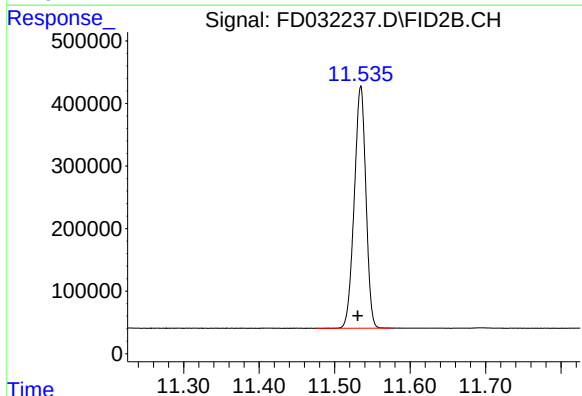
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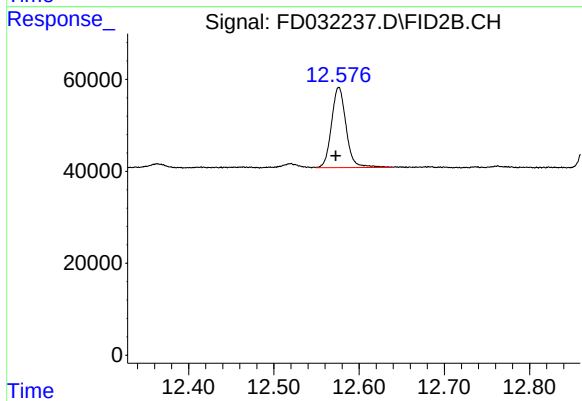
#10 Anthracene (C19.43)

R.T.: 10.841 min
Delta R.T.: 0.002 min
Response: 197015
Conc: 1.57 ug/ml m



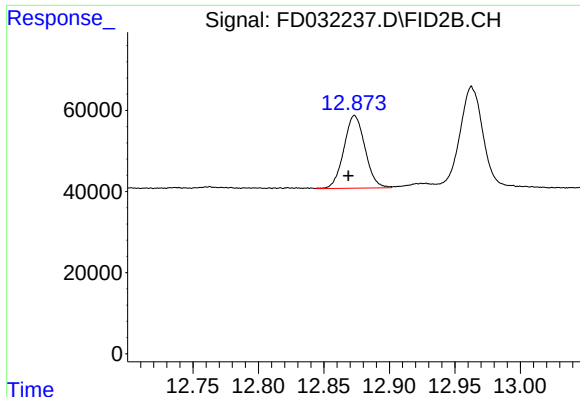
#11 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: 0.004 min
Response: 4135089
Conc: 33.32 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.576 min
Delta R.T.: 0.004 min
Response: 207868
Conc: 1.62 ug/ml m



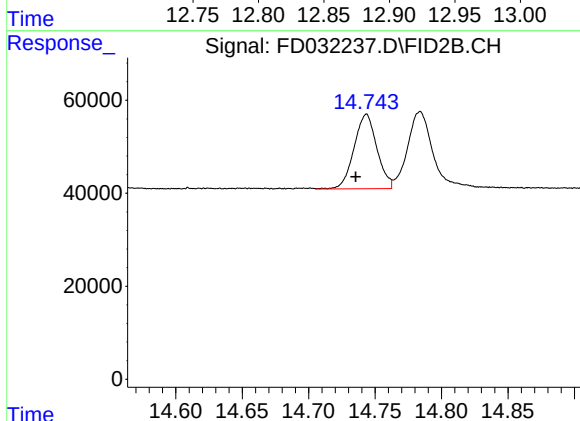
#13 Pyrene (C20.8)

R.T.: 12.873 min
Delta R.T.: 0.004 min
Response: 201160
Conc: 1.60 ug/ml m

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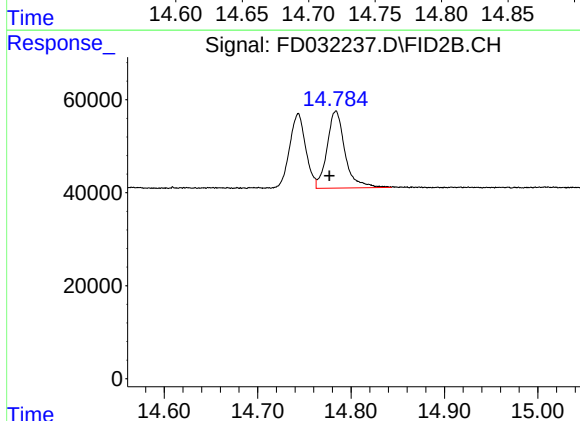
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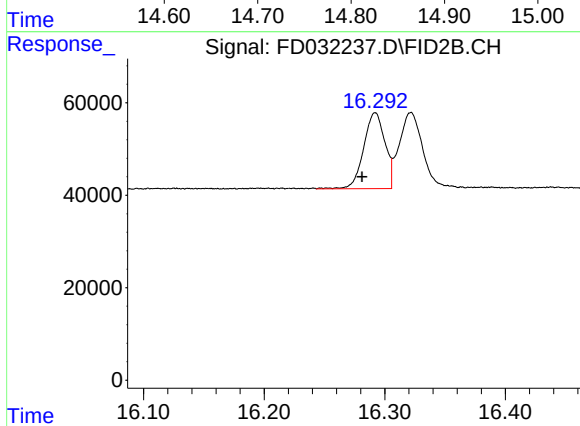
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: 0.008 min
Response: 192538
Conc: 1.58 ug/ml m



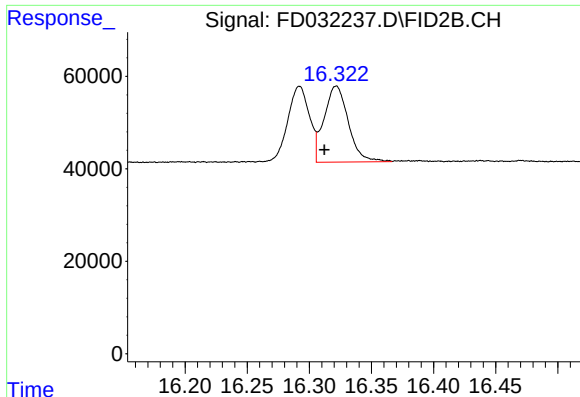
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.007 min
Response: 221062
Conc: 1.80 ug/ml m



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

R.T.: 16.292 min
Delta R.T.: 0.011 min
Response: 200774
Conc: 1.66 ug/ml m



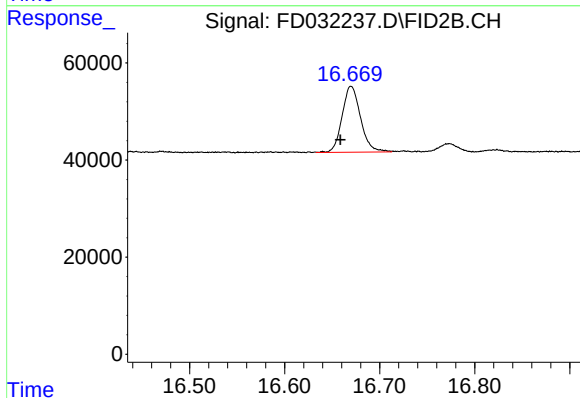
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.322 min
Delta R.T.: 0.010 min
Response: 223132
Conc: 1.84 ug/ml m

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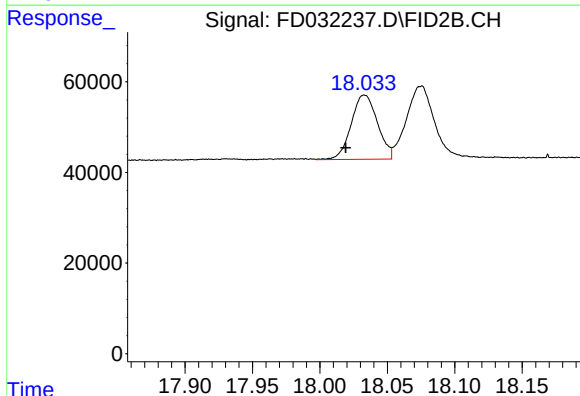
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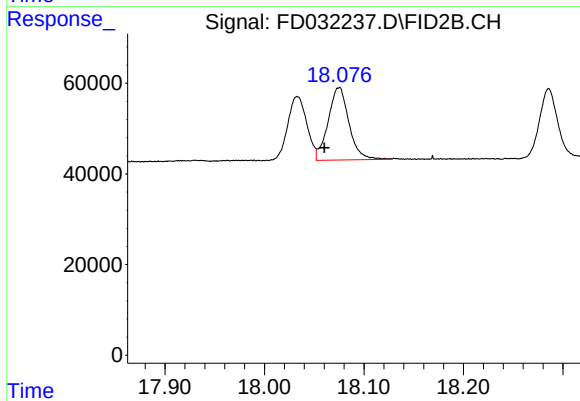
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: 0.010 min
Response: 182966
Conc: 1.53 ug/ml m



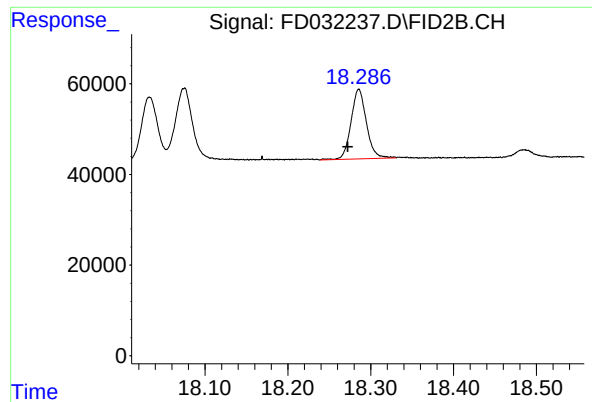
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: 0.013 min
Response: 193276
Conc: 1.68 ug/ml m



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

R.T.: 18.076 min
Delta R.T.: 0.015 min
Response: 232480
Conc: 1.99 ug/ml m



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

R.T.: 18.286 min
Delta R.T.: 0.013 min
Response: 198441
Conc: 1.74 ug/ml m

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