

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032257.D
 Signal(s) : FID2B.CH
 Acq On : 01 Feb 2020 00:24
 Operator : DD\AJ
 Sample : L1274-02MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 BORING-B2-SAMPLE-S1MSD

Manual Integrations
 APPROVED

Sohil
 2/3/2020 2:39:27 PM

Integration File: autoint1.e
 Quant Time: Feb 01 05:44:14 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	4758245	42.328 ug/ml
Spiked Amount 50.000		Recovery =	84.66%
6) S 2-Fluorobiphenyl (SURR)	8.500	3133824	40.206 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.41%
11) S ortho-Terphenyl (SURR)	11.538	2697272	21.732 ug/ml
Spiked Amount 50.000		Recovery =	43.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.437	1823626	16.102 ug/ml
2) T Naphthalene (C11.7)	5.976	2281817	18.760 ug/ml
3) T 2-Methylnaphthalene (...)	7.027	2681571	21.895 ug/ml
5) T Acenaphthylene (C15.06)	8.301	2947467	24.625 ug/ml
7) T Acenaphthene (C15.5)	8.597	3393559	27.442 ug/ml
8) T Flouorene (C16.55)	9.378	4203310	33.654 ug/ml
9) T Phenanthrene (C19.36)	10.782	10849449	85.937 ug/ml
10) T Anthracene (C19.43)	10.850	4166669	33.281 ug/ml
12) T Fluoranthene (C21.85)	12.598	11658586	91.090 ug/ml
13) T Pyrene (C20.8)	12.896	11831984	94.010 ug/ml
14) T Benzo[a]anthracene (C...	14.760	5963227	48.833 ug/ml
15) T Chrysene (C27.41)	14.803	5923025	48.130 ug/mlm
16) T benzo[b]fluoranthene ...	16.314	4681093	38.766 ug/ml
17) T Bnezo[k]fluoranthene ...	16.341	2788391	23.047 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.627	2178162	18.232 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.056	2722446	23.696 ug/ml
20) T Dibenz[a,h]anthracene...	18.091	2137434	18.278 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.312	2615556	22.955 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : L1274-02MSD
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ALS Vial : 73 Sample Multiplier: 1

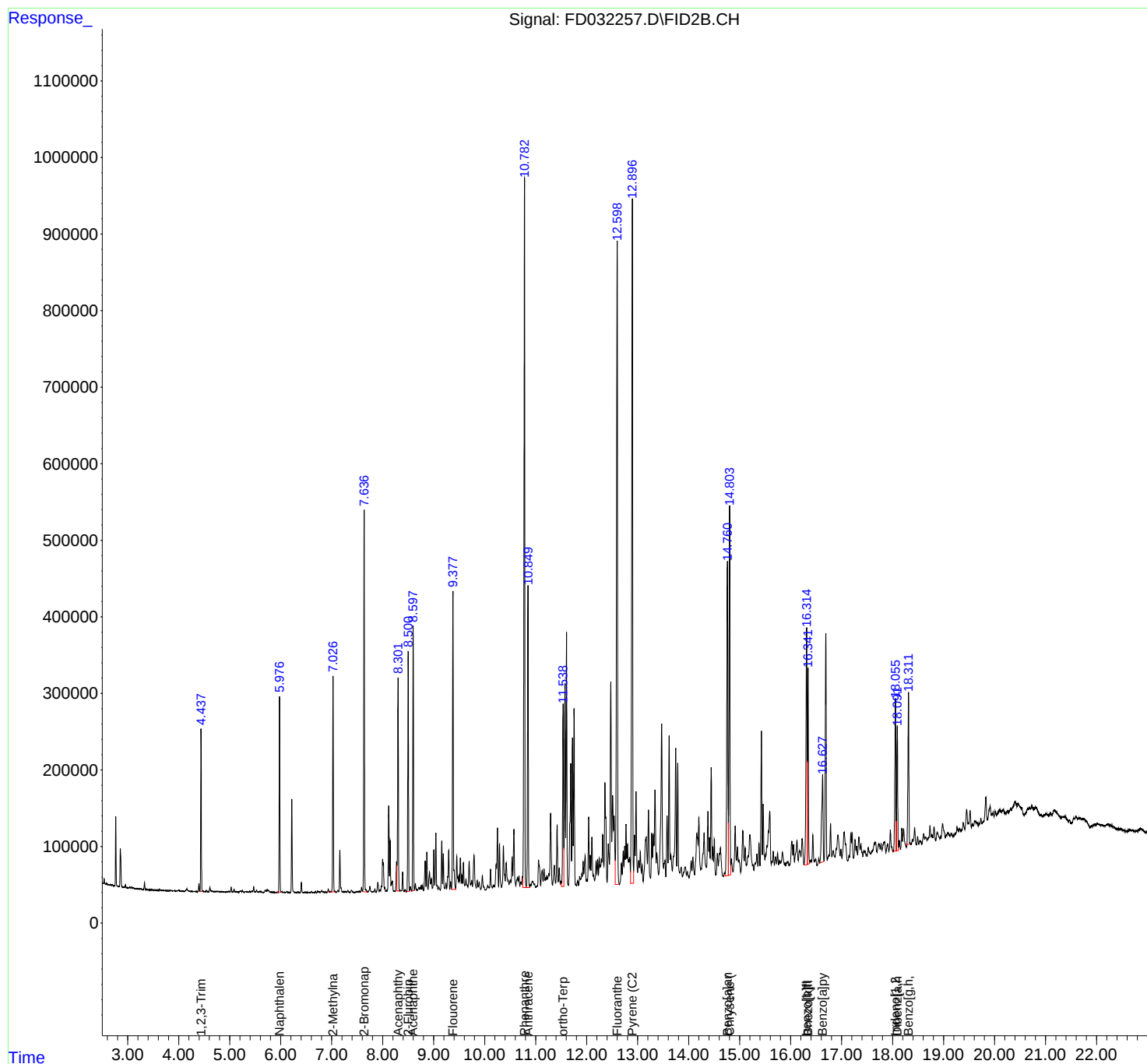
Instrument :
FID_D
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BORING-B2-SAMPLE-S1MSD

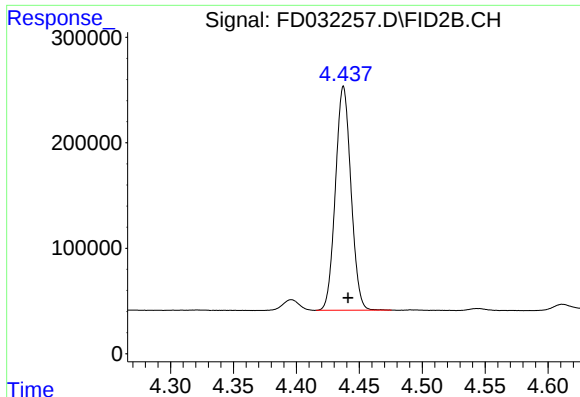
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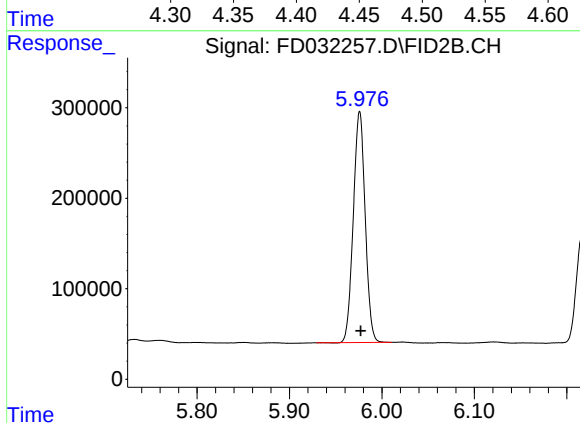
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.437 min
Delta R.T.: -0.004 min
Response: 1823626
Conc: 16.10 ug/ml

Instrument :
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ClientSampleId :
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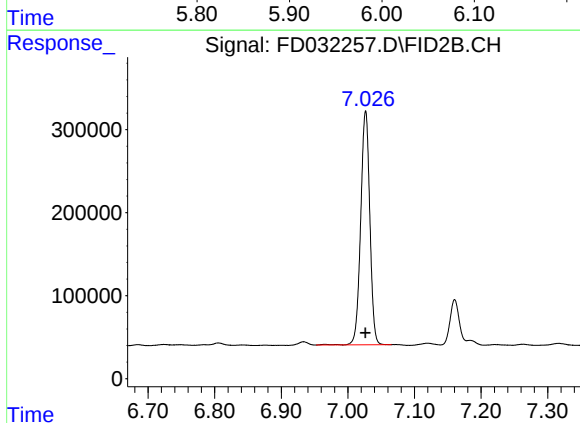
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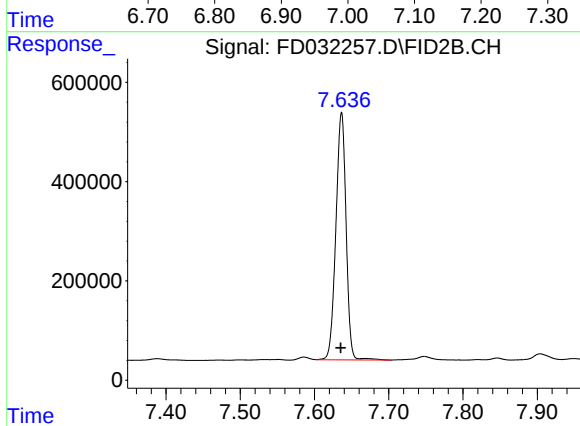
#2 Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.001 min
Response: 2281817
Conc: 18.76 ug/ml



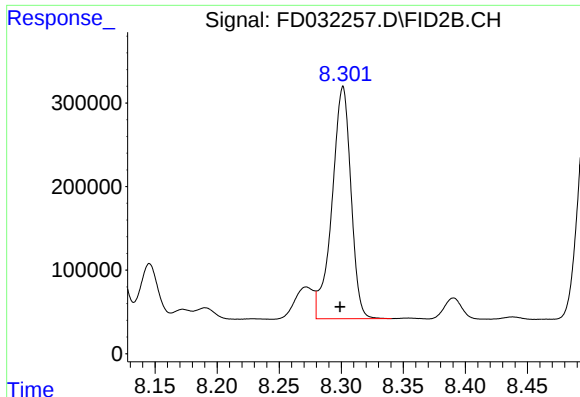
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 2681571
Conc: 21.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.636 min
Delta R.T.: 0.001 min
Response: 4758245
Conc: 42.33 ug/ml



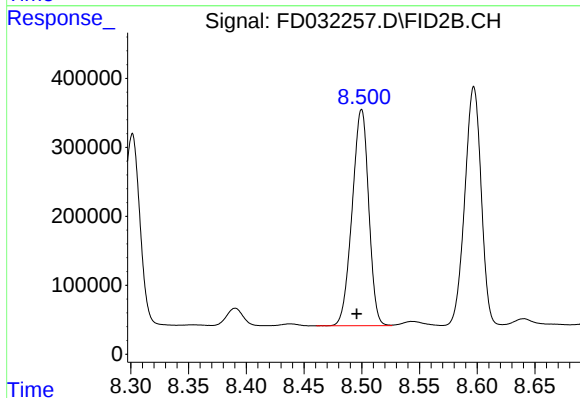
#5 Acenaphthylene (C15.06)

R.T.: 8.301 min
Delta R.T.: 0.002 min
Response: 2947467
Conc: 24.62 ug/ml

Instrument :
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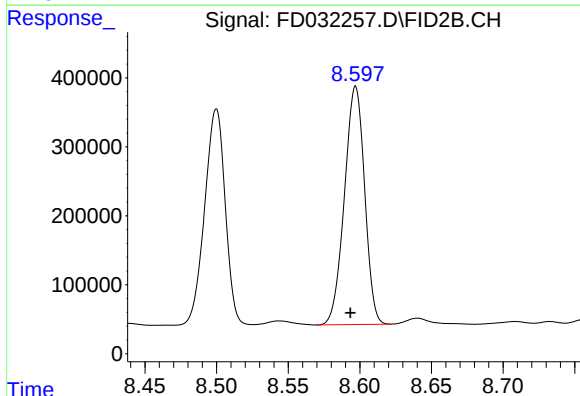
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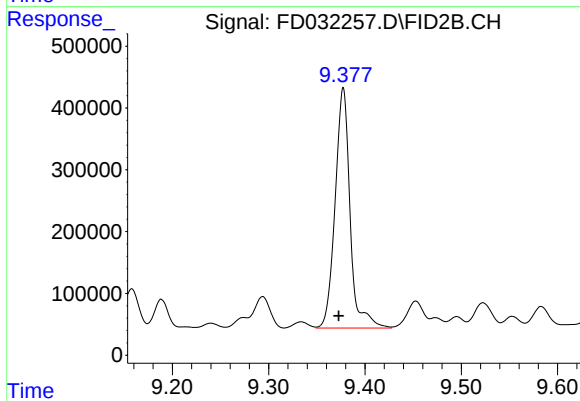
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.500 min
Delta R.T.: 0.004 min
Response: 3133824
Conc: 40.21 ug/ml



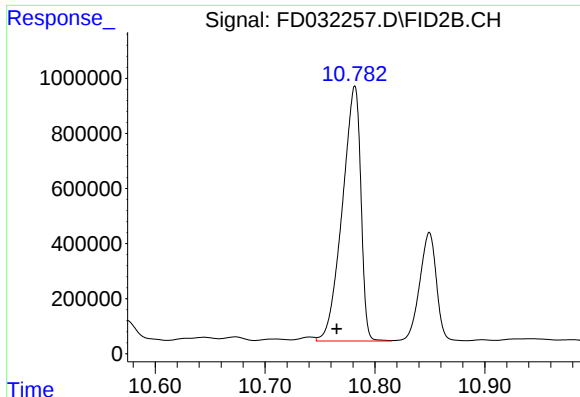
#7 Acenaphthene (C15.5)

R.T.: 8.597 min
Delta R.T.: 0.004 min
Response: 3393559
Conc: 27.44 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.378 min
Delta R.T.: 0.005 min
Response: 4203310
Conc: 33.65 ug/ml



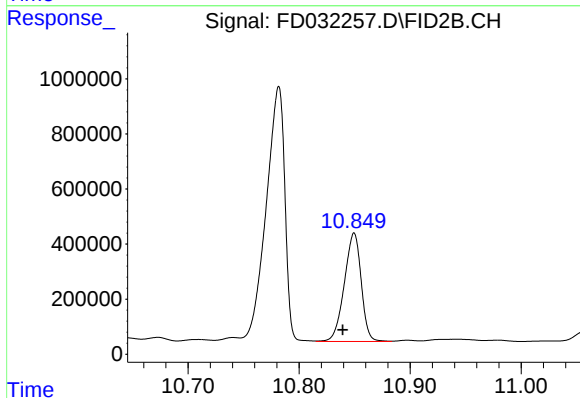
#9 Phenanthrene (C19.36)

R.T.: 10.782 min
Delta R.T.: 0.016 min
Response: 10849449
Conc: 85.94 ug/ml

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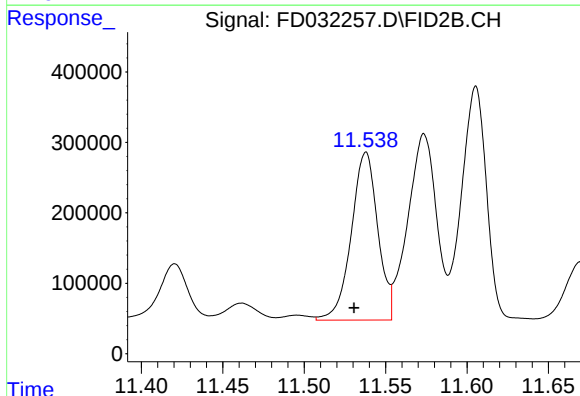
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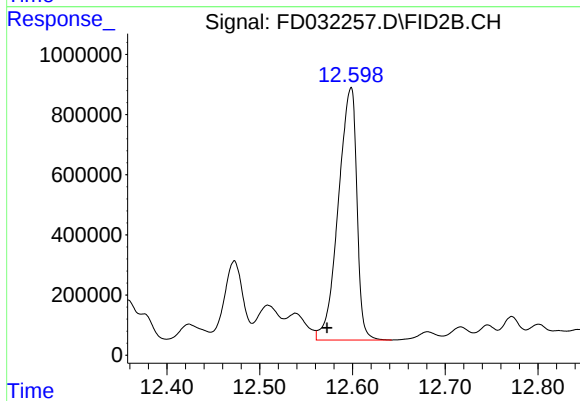
#10 Anthracene (C19.43)

R.T.: 10.850 min
Delta R.T.: 0.010 min
Response: 4166669
Conc: 33.28 ug/ml



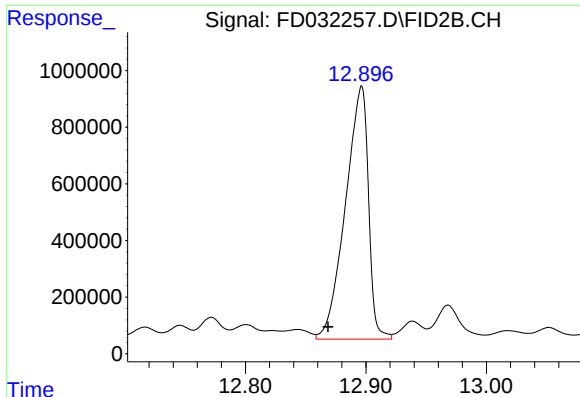
#11 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: 0.007 min
Response: 2697272
Conc: 21.73 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.598 min
Delta R.T.: 0.026 min
Response: 11658586
Conc: 91.09 ug/ml



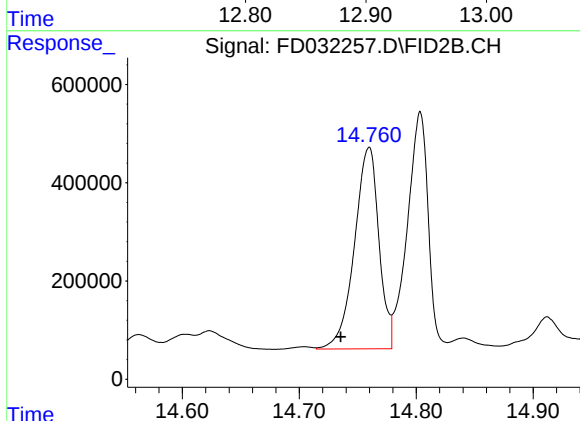
#13 Pyrene (C20.8)

R.T.: 12.896 min
Delta R.T.: 0.028 min
Response: 11831984
Conc: 94.01 ug/ml

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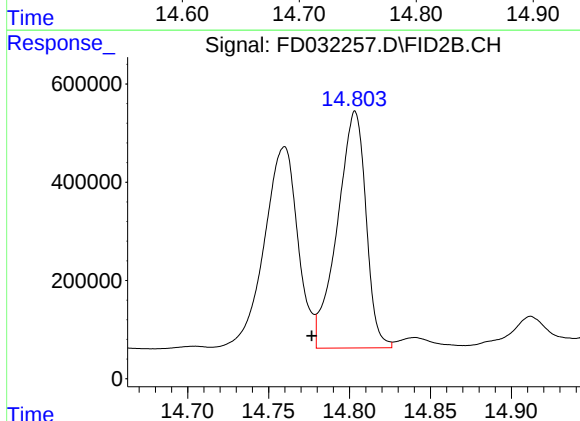
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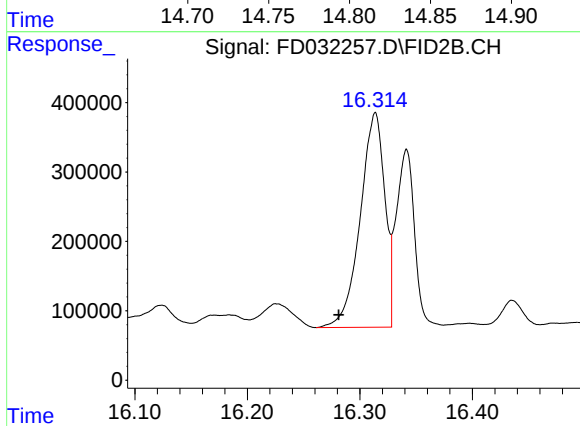
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.760 min
Delta R.T.: 0.024 min
Response: 5963227
Conc: 48.83 ug/ml



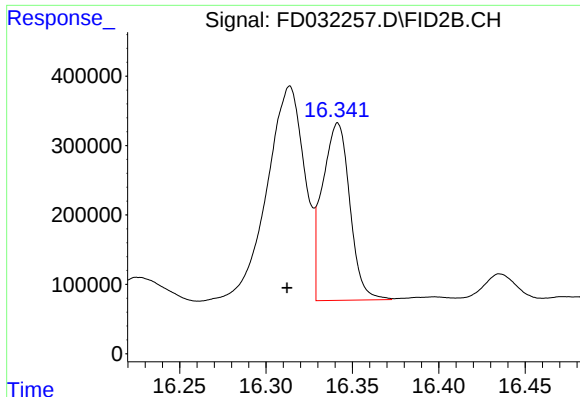
#15 Chrysene (C27.41)

R.T.: 14.803 min
Delta R.T.: 0.026 min
Response: 5923025
Conc: 48.13 ug/ml m



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

R.T.: 16.314 min
Delta R.T.: 0.032 min
Response: 4681093
Conc: 38.77 ug/ml



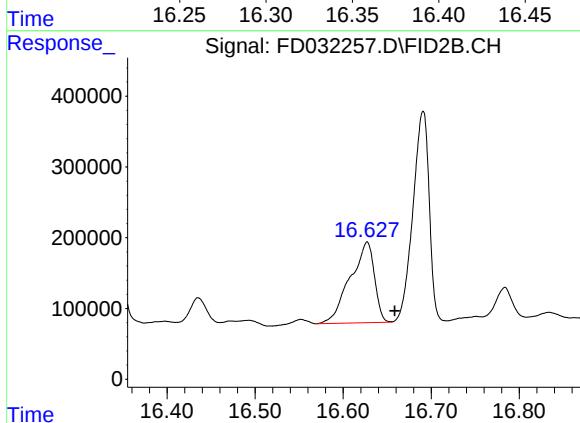
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.341 min
Delta R.T.: 0.029 min
Response: 2788391
Conc: 23.05 ug/ml m

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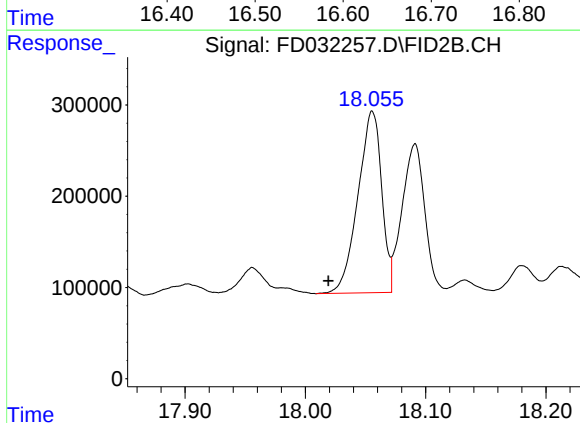
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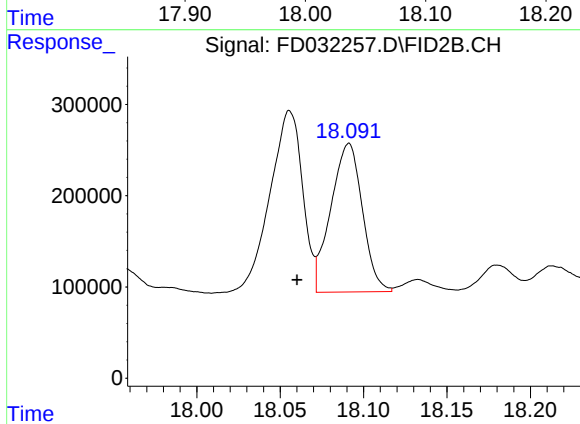
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.627 min
Delta R.T.: -0.031 min
Response: 2178162
Conc: 18.23 ug/ml



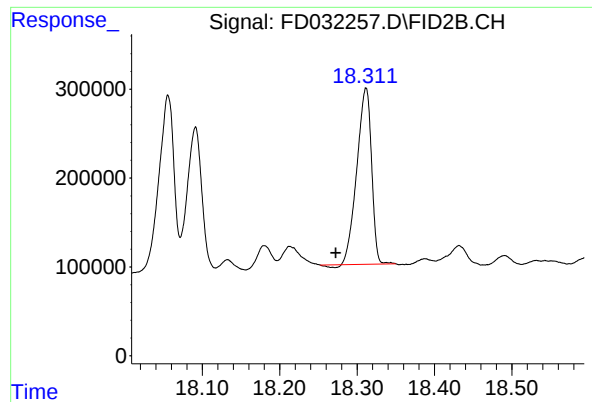
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.056 min
Delta R.T.: 0.037 min
Response: 2722446
Conc: 23.70 ug/ml



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

R.T.: 18.091 min
Delta R.T.: 0.031 min
Response: 2137434
Conc: 18.28 ug/ml m



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

R.T.: 18.312 min
Delta R.T.: 0.039 min
Response: 2615556
Conc: 22.96 ug/ml

Instrument :
FID_D
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