

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010521AR\
 Data File : FD035892.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2021 16:14
 Operator : DD\AJ
 Sample : L5246-06MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 6MSD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jan 06 08:23:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 09:21:33 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...	7.581	6194792	56.765 ug/mlm
Spiked Amount 50.000		Recovery =	113.53%
6) S 2-Fluorobiphenyl (SURR)	8.449	3293170	47.434 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.87%
11) S ortho-Terphenyl (SURR)	11.483	6092340	47.135 ug/mlm
Spiked Amount 50.000		Recovery =	94.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.383	3669848	29.455 ug/ml
2) T Naphthalene (C11.7)	5.921	4510164	35.687 ug/ml
3) T 2-Methylnaphthalene (...)	6.973	5916176	46.772 ug/mlm
5) T Acenaphthylene (C15.06)	8.248	5643641	44.612 ug/mlm
7) T Acenaphthene (C15.5)	8.543	5096073	37.571 ug/mlm
8) T Flouorene (C16.55)	9.327	5129698	41.767 ug/mlm
9) T Phenanthrene (C19.36)	10.725	5542073	45.441 ug/mlm
10) T Anthracene (C19.43)	10.802	5139075	41.063 ug/mlm
12) T Fluoranthene (C21.85)	12.539	5452576	44.742 ug/mlm
13) T Pyrene (C20.8)	12.835	5187117	42.396 ug/mlm
14) T Benzo[a]anthracene (C...	14.708	4290875	43.641 ug/ml
15) T Chrysene (C27.41)	14.750	4944886	40.355 ug/ml
16) T benzo[b]fluoranthene ...	16.262	4310885	45.266 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.292	4388815	39.847 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.642	4128136	45.343 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.013	4028790	49.755 ug/mlm
20) T Dibenz[a,h]anthracene...	18.045	4524673	42.345 ug/ml
21) T Benzo[g,h,i]perylene ...	18.266	4280533	46.300 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 62 Sample Multiplier: 1

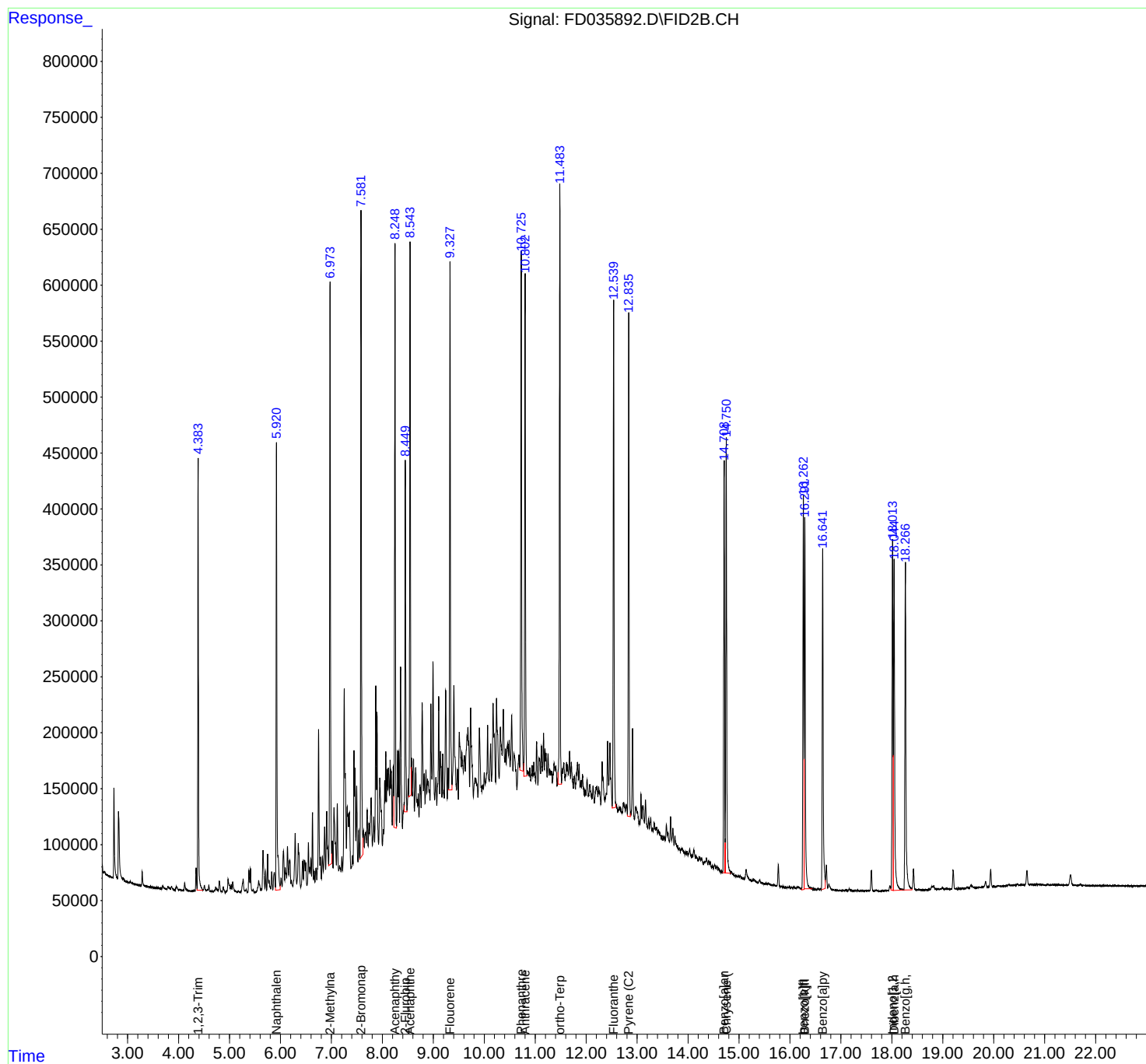
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6MSD

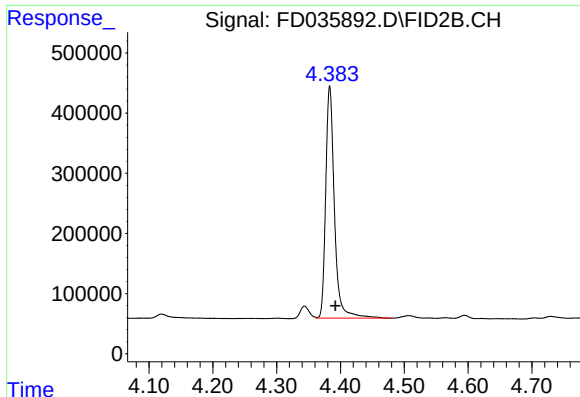
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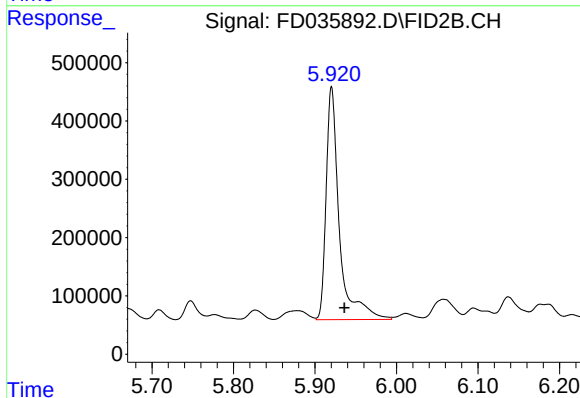
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.383 min
Delta R.T.: -0.009 min
Response: 3669848
Conc: 29.46 ug/ml

Instrument :
FID_D
ClientSampleId :
6MSD

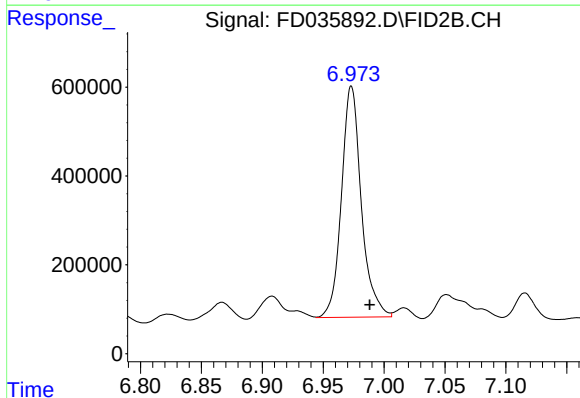
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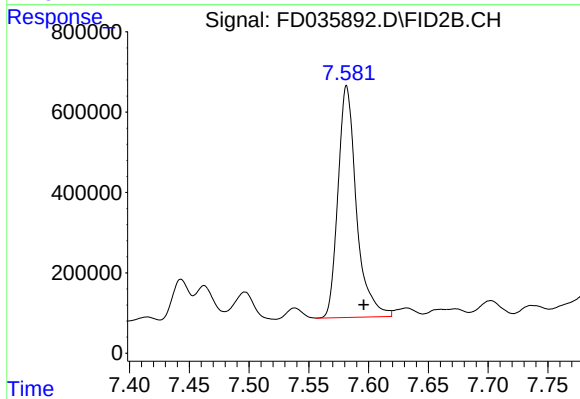
#2 Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: -0.015 min
Response: 4510164
Conc: 35.69 ug/ml



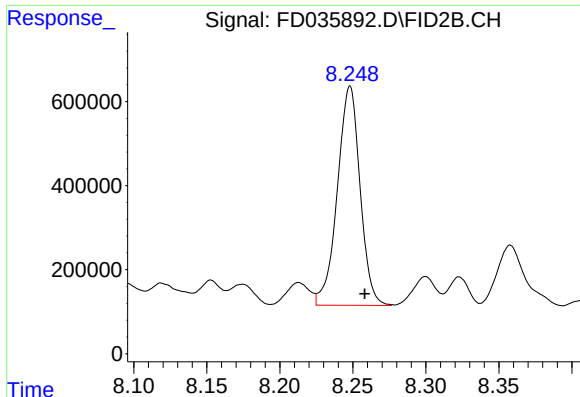
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.973 min
Delta R.T.: -0.015 min
Response: 5916176
Conc: 46.77 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.581 min
Delta R.T.: -0.015 min
Response: 6194792
Conc: 56.77 ug/ml m



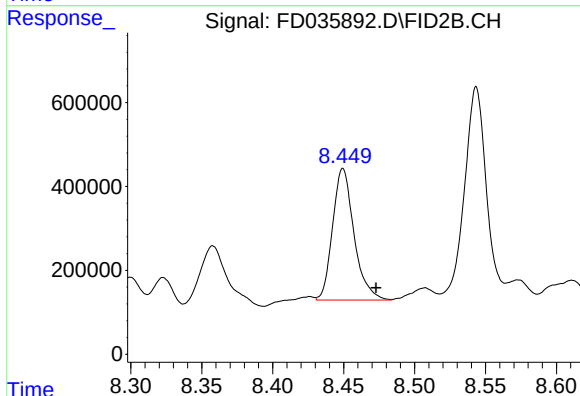
#5 Acenaphthylene (C15.06)

R.T.: 8.248 min
Delta R.T.: -0.010 min
Response: 5643641
Conc: 44.61 ug/ml m

Instrument :
FID_D
ClientSampleId :
6MSD

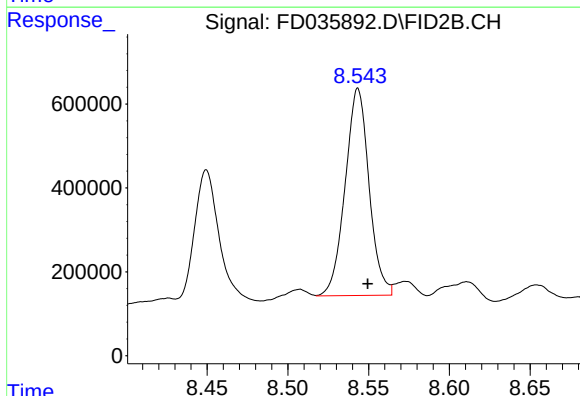
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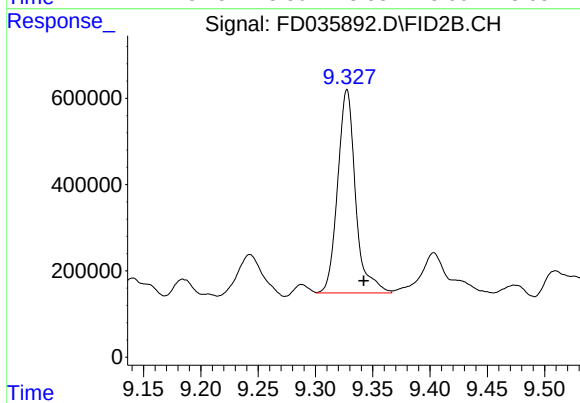
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.024 min
Response: 3293170
Conc: 47.43 ug/ml m



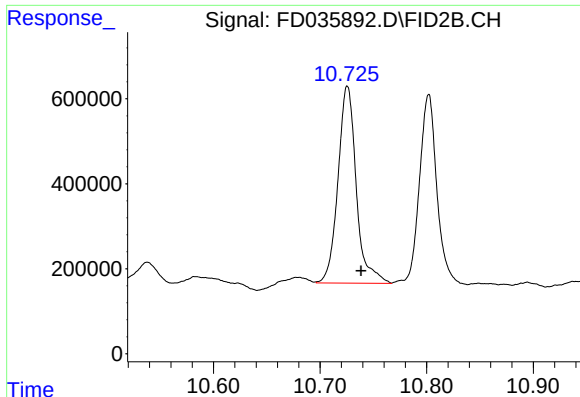
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.006 min
Response: 5096073
Conc: 37.57 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.327 min
Delta R.T.: -0.015 min
Response: 5129698
Conc: 41.77 ug/ml m



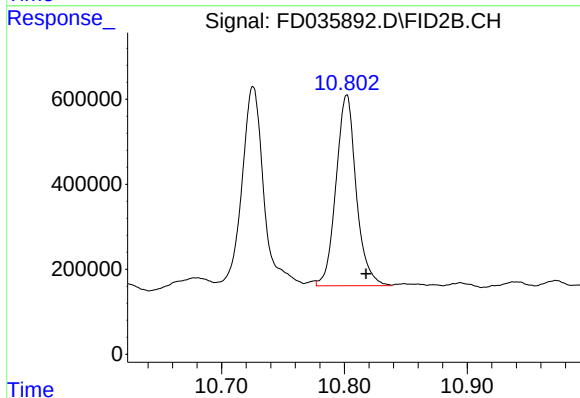
#9 Phenanthrene (C19.36)

R.T.: 10.725 min
Delta R.T.: -0.013 min
Response: 5542073
Conc: 45.44 ug/ml m

Instrument :
FID_D
ClientSampleId :
6MSD

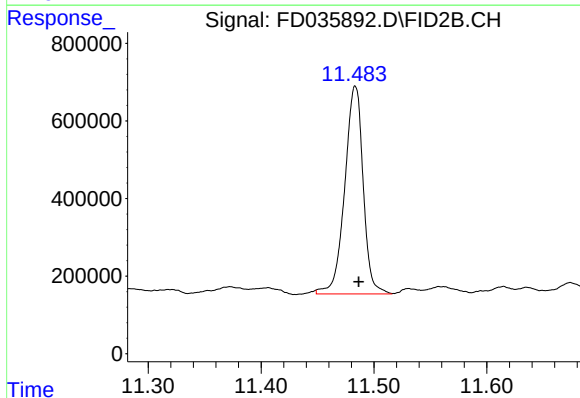
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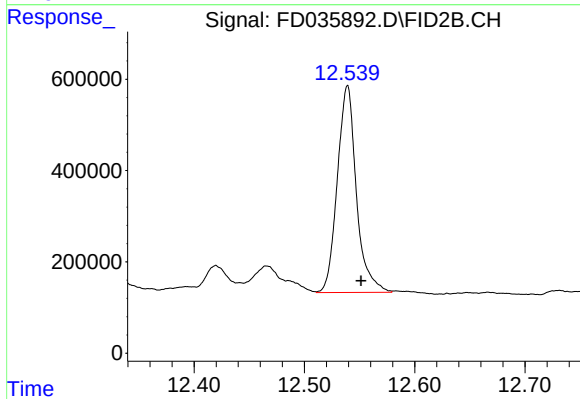
#10 Anthracene (C19.43)

R.T.: 10.802 min
Delta R.T.: -0.016 min
Response: 5139075
Conc: 41.06 ug/ml m



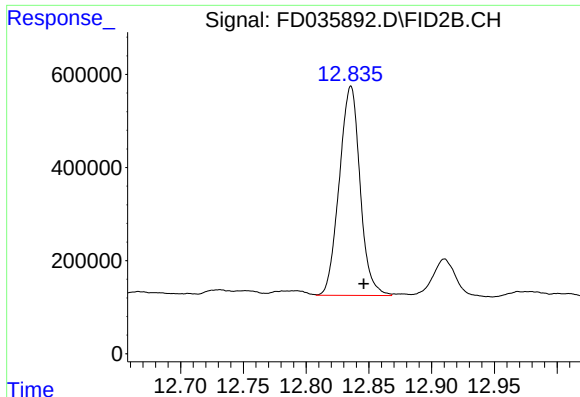
#11 ortho-Terphenyl (SURR)

R.T.: 11.483 min
Delta R.T.: -0.004 min
Response: 6092340
Conc: 47.13 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.539 min
Delta R.T.: -0.012 min
Response: 5452576
Conc: 44.74 ug/ml m



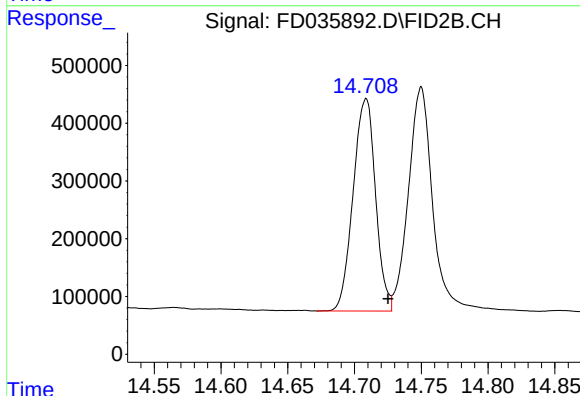
#13 Pyrene (C20.8)

R.T.: 12.835 min
Delta R.T.: -0.011 min
Response: 5187117
Conc: 42.40 ug/ml m

Instrument :
FID_D
ClientSampleId :
6MSD

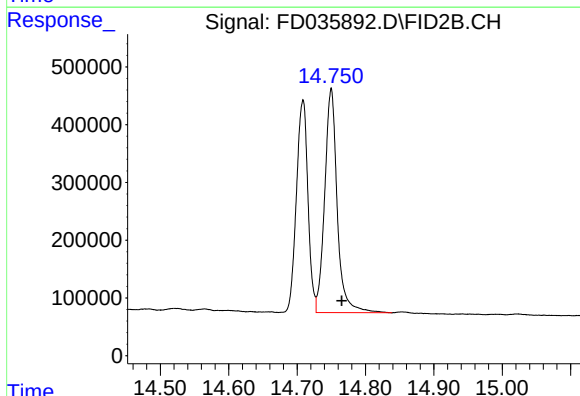
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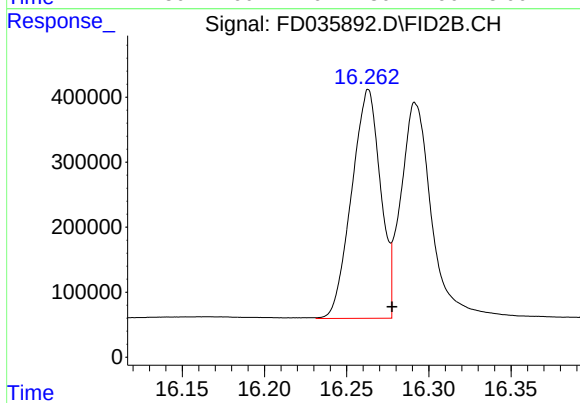
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.708 min
Delta R.T.: -0.017 min
Response: 4290875
Conc: 43.64 ug/ml



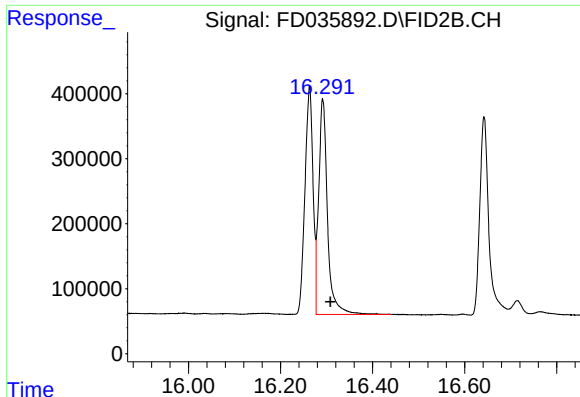
#15 Chrysene (C27.41)

R.T.: 14.750 min
Delta R.T.: -0.015 min
Response: 4944886
Conc: 40.36 ug/ml



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

R.T.: 16.262 min
Delta R.T.: -0.015 min
Response: 4310885
Conc: 45.27 ug/ml m



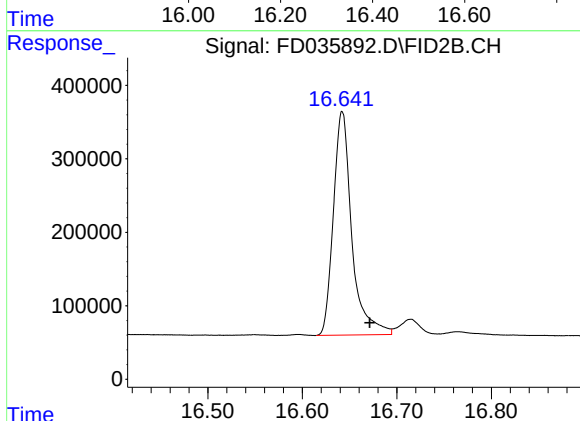
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.292 min
Delta R.T.: -0.017 min
Response: 4388815
Conc: 39.85 ug/ml

Instrument :
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ClientSampleId :
6MSD

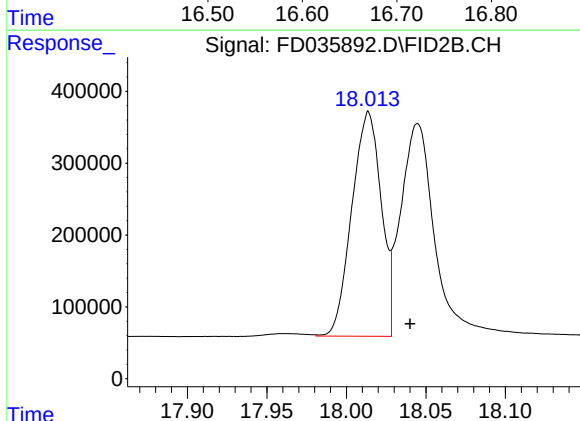
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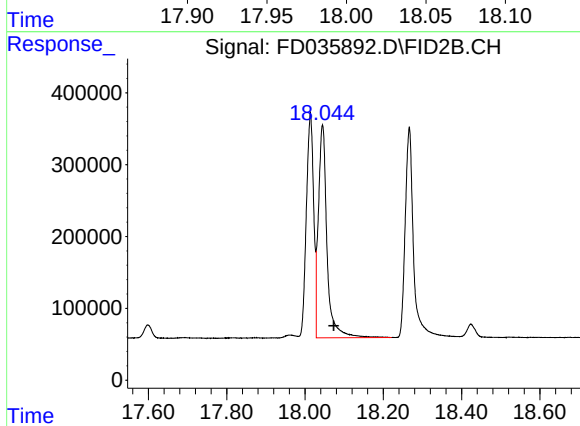
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.642 min
Delta R.T.: -0.029 min
Response: 4128136
Conc: 45.34 ug/ml



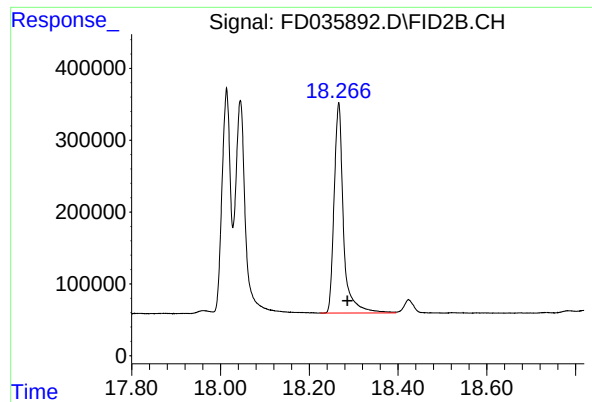
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.013 min
Delta R.T.: -0.027 min
Response: 4028790
Conc: 49.76 ug/ml m



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

R.T.: 18.045 min
Delta R.T.: -0.029 min
Response: 4524673
Conc: 42.34 ug/ml



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

R.T.: 18.266 min
Delta R.T.: -0.019 min
Response: 4280533
Conc: 46.30 ug/ml

Instrument :
FID_D
ClientSampleId :
6MSD

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