

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050721AR\
 Data File : FD037416.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2021 16:40
 Operator : DD\AJ
 Sample : M2317-02MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PE-5B-(4.0-4.5)MSD

Manual Integrations
 APPROVED

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 5/10/2021 2:05:54 PM

Integration File: autoint1.e
 Quant Time: May 08 00:28:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 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...	7.567	5385156	45.545 ug/ml
Spiked Amount 50.000		Recovery =	91.09%
6) S 2-Fluorobiphenyl (SURR)	8.429	3249482	42.112 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.22%
11) S ortho-Terphenyl (SURR)	11.470	4316061	34.943 ug/ml
Spiked Amount 50.000		Recovery =	69.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	4394667	33.049 ug/ml
2) T Naphthalene (C11.7)	5.903	4890341	35.575 ug/ml
3) T 2-Methylnaphthalene (...)	6.956	4994412	37.244 ug/ml
5) T Acenaphthylene (C15.06)	8.232	5288816	42.283 ug/ml
7) T Acenaphthene (C15.5)	8.529	5211828	40.331 ug/ml
8) T Flouorene (C16.55)	9.309	5225534	42.661 ug/ml
9) T Phenanthrene (C19.36)	10.705	5235588	44.415 ug/ml
10) T Anthracene (C19.43)	10.780	5054690	43.883 ug/ml
12) T Fluoranthene (C21.85)	12.518	5430136	46.560 ug/ml
13) T Pyrene (C20.8)	12.814	5420214	47.082 ug/ml
14) T Benzo[a]anthracene (C...	14.686	5141956	46.719 ug/ml
15) T Chrysene (C27.41)	14.730	5329293	47.078 ug/mlm
16) T benzo[b]fluoranthene ...	16.239	5563822	49.604 ug/ml
17) T Bnezo[k]fluoranthene ...	16.273	5132954	47.657 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	5397830	52.154 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.984	4973935	46.759 ug/ml
20) T Dibenz[a,h]anthracene...	18.023	4920338	47.092 ug/ml
21) T Benzo[g,h,i]perylene ...	18.244	5159674	48.306 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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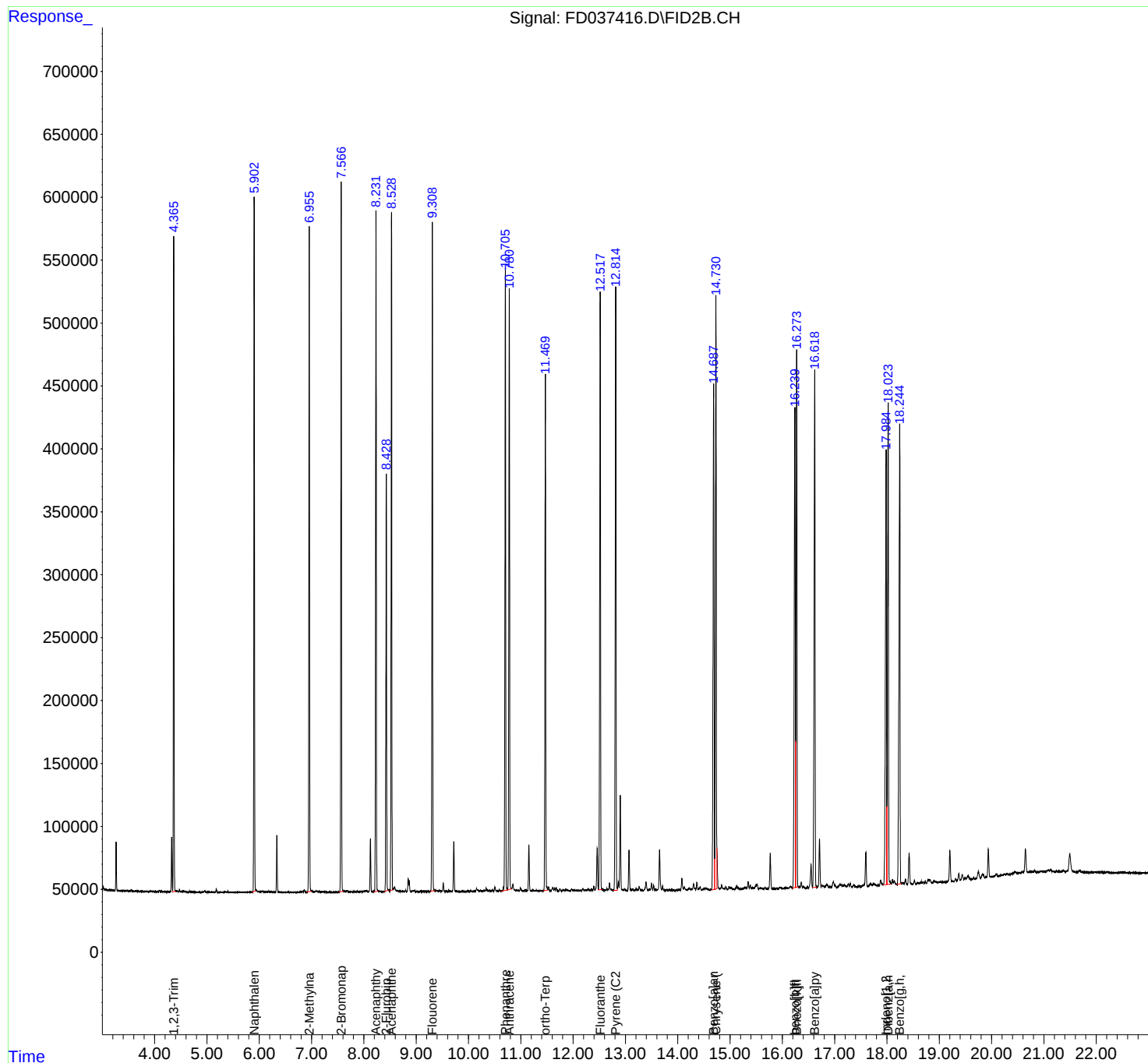
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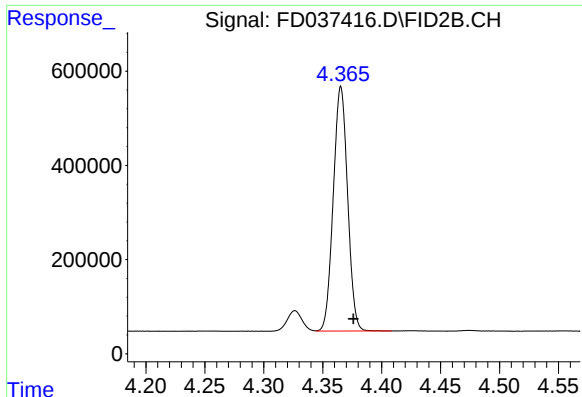
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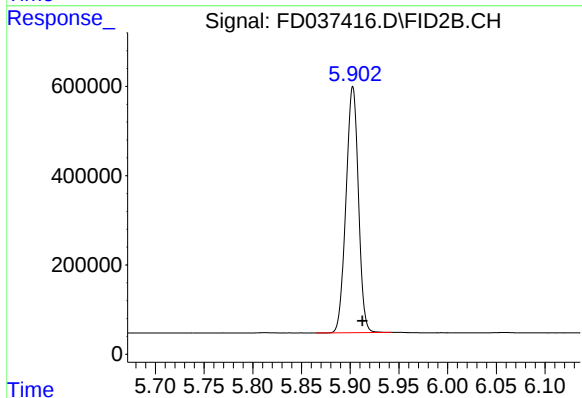
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.365 min
Delta R.T.: -0.011 min
Response: 4394667
Conc: 33.05 ug/ml

Instrument :
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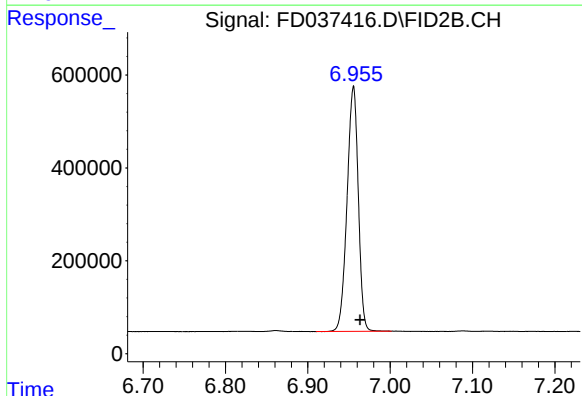
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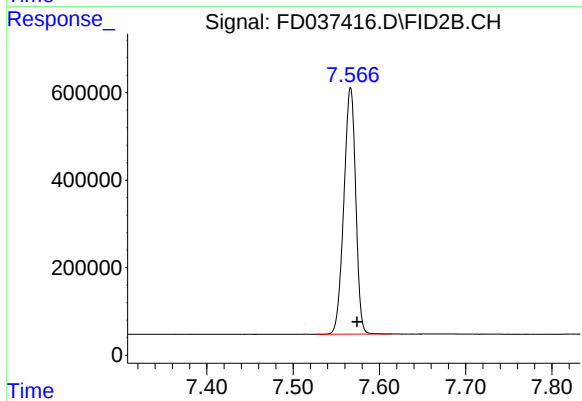
#2 Naphthalene (C11.7)

R.T.: 5.903 min
Delta R.T.: -0.010 min
Response: 4890341
Conc: 35.57 ug/ml



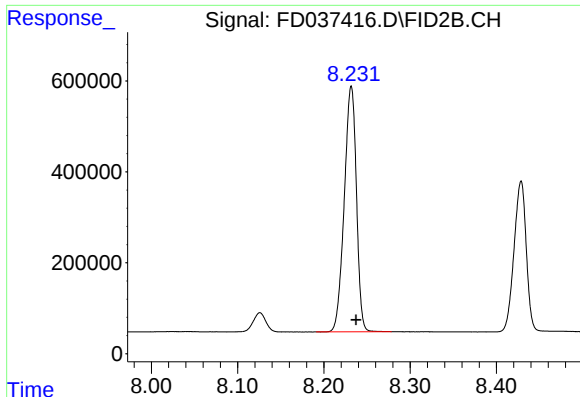
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.956 min
Delta R.T.: -0.008 min
Response: 4994412
Conc: 37.24 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.567 min
Delta R.T.: -0.008 min
Response: 5385156
Conc: 45.55 ug/ml



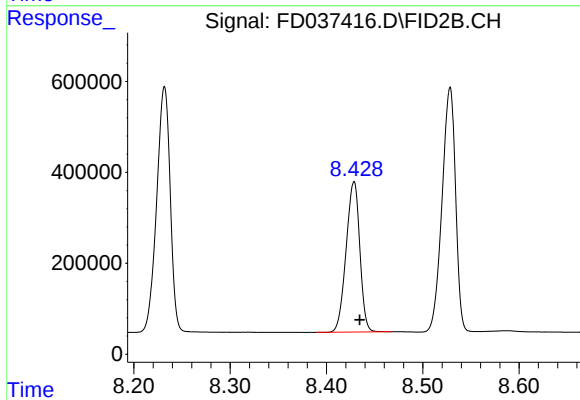
#5 Acenaphthylene (C15.06)

R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 5288816
Conc: 42.28 ug/ml

Instrument :
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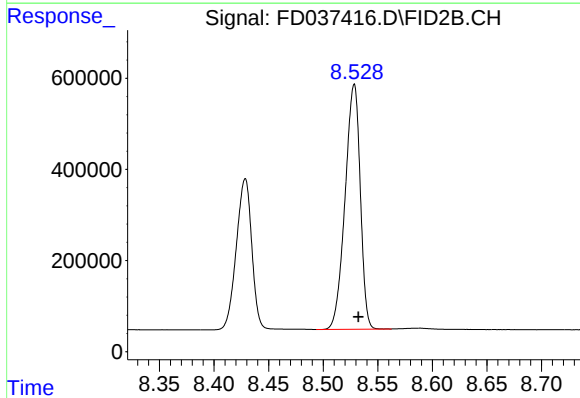
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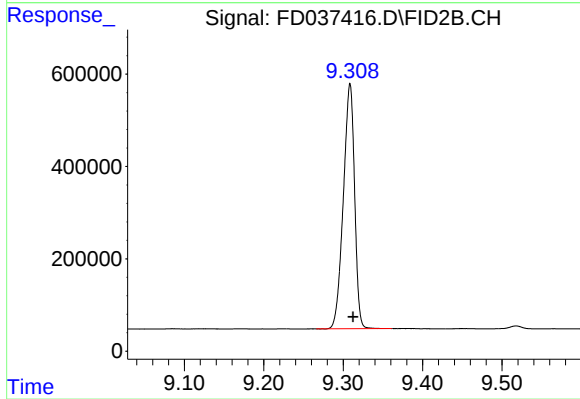
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.429 min
Delta R.T.: -0.006 min
Response: 3249482
Conc: 42.11 ug/ml



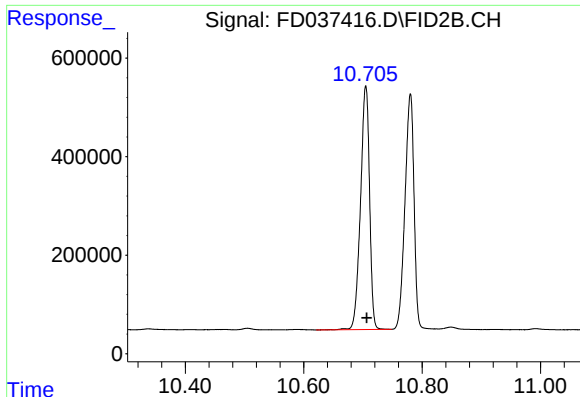
#7 Acenaphthene (C15.5)

R.T.: 8.529 min
Delta R.T.: -0.004 min
Response: 5211828
Conc: 40.33 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.309 min
Delta R.T.: -0.003 min
Response: 5225534
Conc: 42.66 ug/ml



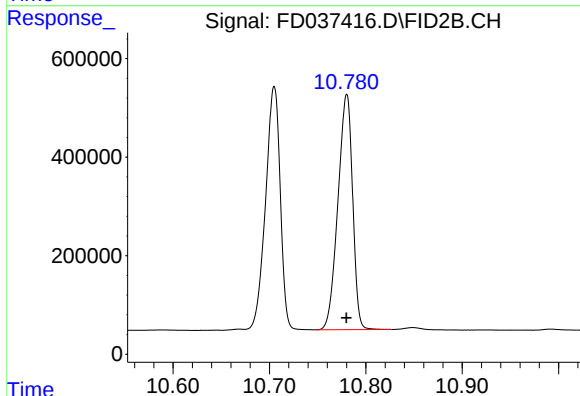
#9 Phenanthrene (C19.36)

R.T.: 10.705 min
Delta R.T.: -0.002 min
Response: 5235588
Conc: 44.41 ug/ml

Instrument :
FID_D
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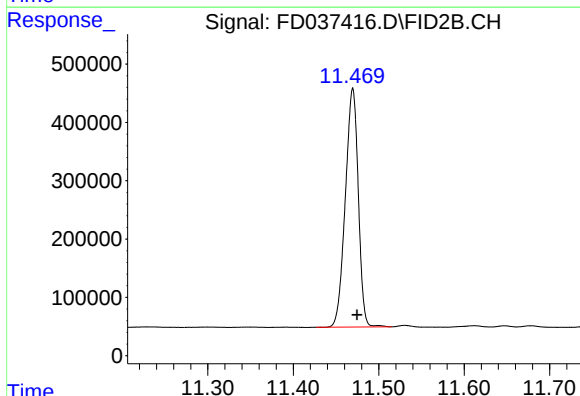
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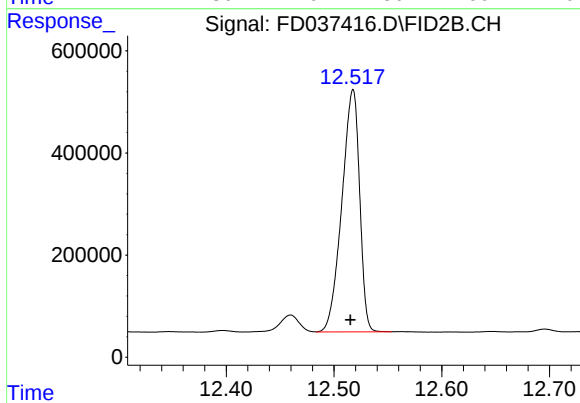
#10 Anthracene (C19.43)

R.T.: 10.780 min
Delta R.T.: 0.000 min
Response: 5054690
Conc: 43.88 ug/ml



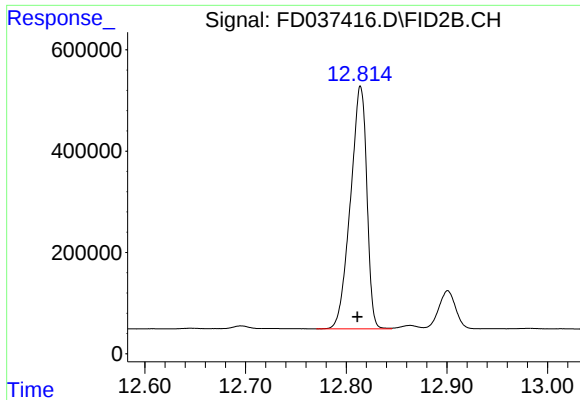
#11 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: -0.005 min
Response: 4316061
Conc: 34.94 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.518 min
Delta R.T.: 0.002 min
Response: 5430136
Conc: 46.56 ug/ml



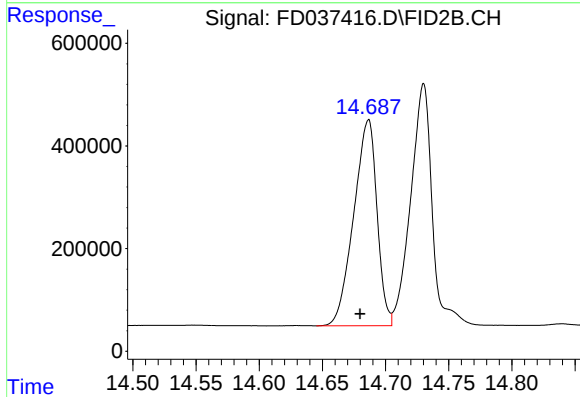
#13 Pyrene (C20.8)

R.T.: 12.814 min
Delta R.T.: 0.003 min
Response: 5420214
Conc: 47.08 ug/ml

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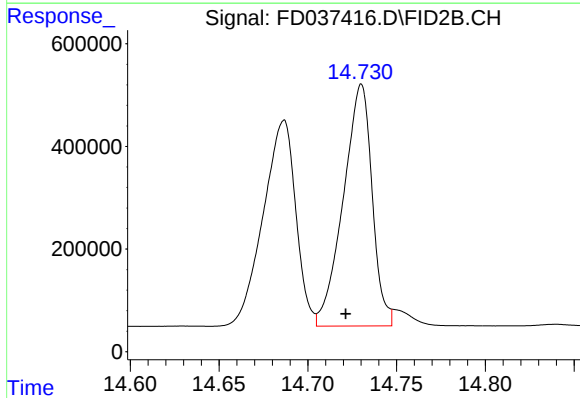
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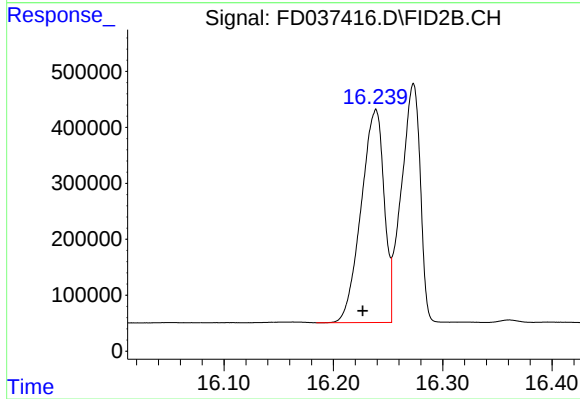
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.686 min
Delta R.T.: 0.007 min
Response: 5141956
Conc: 46.72 ug/ml



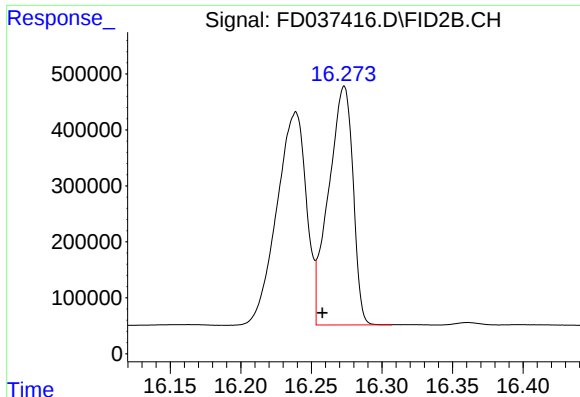
#15 Chrysene (C27.41)

R.T.: 14.730 min
Delta R.T.: 0.008 min
Response: 5329293
Conc: 47.08 ug/ml m



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

R.T.: 16.239 min
Delta R.T.: 0.012 min
Response: 5563822
Conc: 49.60 ug/ml



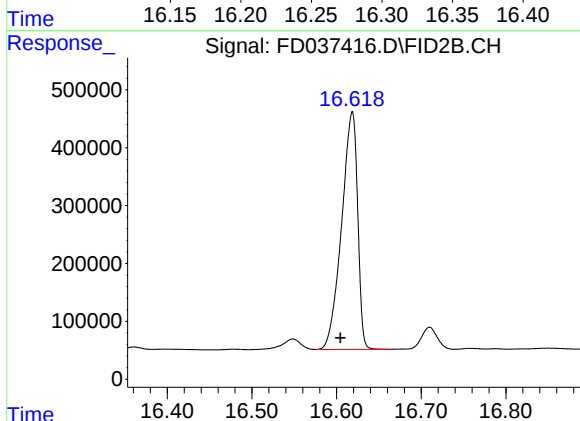
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.273 min
Delta R.T.: 0.015 min
Response: 5132954
Conc: 47.66 ug/ml

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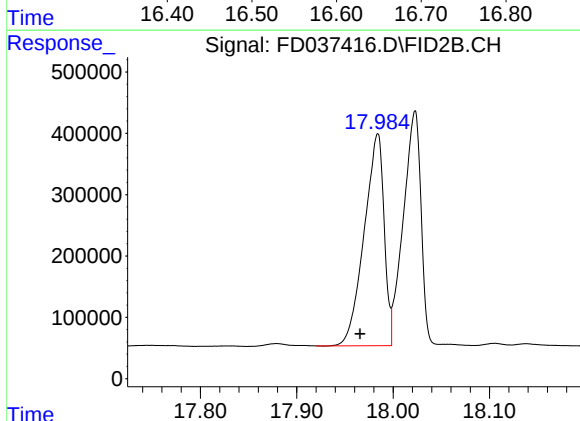
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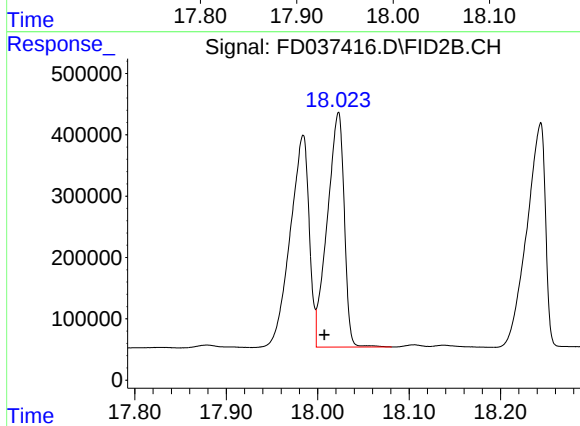
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.619 min
Delta R.T.: 0.014 min
Response: 5397830
Conc: 52.15 ug/ml



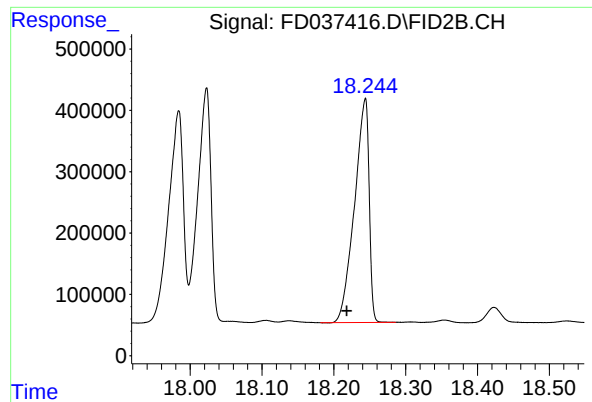
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.984 min
Delta R.T.: 0.018 min
Response: 4973935
Conc: 46.76 ug/ml



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

R.T.: 18.023 min
Delta R.T.: 0.015 min
Response: 4920338
Conc: 47.09 ug/ml



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

R.T.: 18.244 min
Delta R.T.: 0.026 min
Response: 5159674
Conc: 48.31 ug/ml

Instrument :
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