

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062719AR\
 Data File : FD029553.D
 Signal(s) : FID2B.CH
 Acq On : 27 Jun 2019 8:48
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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 6/27/2019 2:37:53 PM

Integration File: autoint1.e
 Quant Time: Jun 27 10:50:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:45:09 2019
 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...	7.709	2309859	19.881 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
6) S 2-Fluorobiphenyl (SURR)	8.572	1539674	19.424 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.85%
11) S ortho-Terphenyl (SURR)	11.608	2375565	18.512 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.508	2562819	20.977 ug/ml
2) T Naphthalene (C11.7)	6.049	2659938	20.411 ug/ml
3) T 2-Methylnaphthalene (...)	7.100	2591013	20.072 ug/ml
5) T Acenaphthylene (C15.06)	8.376	2436442	19.272 ug/ml
7) T Acenaphthene (C15.5)	8.671	2544709	19.502 ug/ml
8) T Fluorene (C16.55)	9.450	2484447	19.093 ug/ml
9) T Phenanthrene (C19.36)	10.845	2430594	18.524 ug/ml
10) T Anthracene (C19.43)	10.919	2359201	18.254 ug/ml
12) T Fluoranthene (C21.85)	12.653	2377306	18.076 ug/ml
13) T Pyrene (C20.8)	12.951	2374147	18.029 ug/ml
14) T Benzo[a]anthracene (C...	14.816	2237784	17.795 ug/ml
15) T Chrysene (C27.41)	14.858	2253432	17.871 ug/ml
16) T benzo[b]fluoranthene ...	16.361	2285556	18.455 ug/ml
17) T Bnezo[k]fluoranthene ...	16.394	2239821	18.185 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.740	2243122	18.336 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.099	2215857	18.781 ug/ml
20) T Dibenz[a,h]anthracene...	18.139	2218839	19.168 ug/ml
21) T Benzo[g,h,i]perylene ...	18.354	2220596	19.129 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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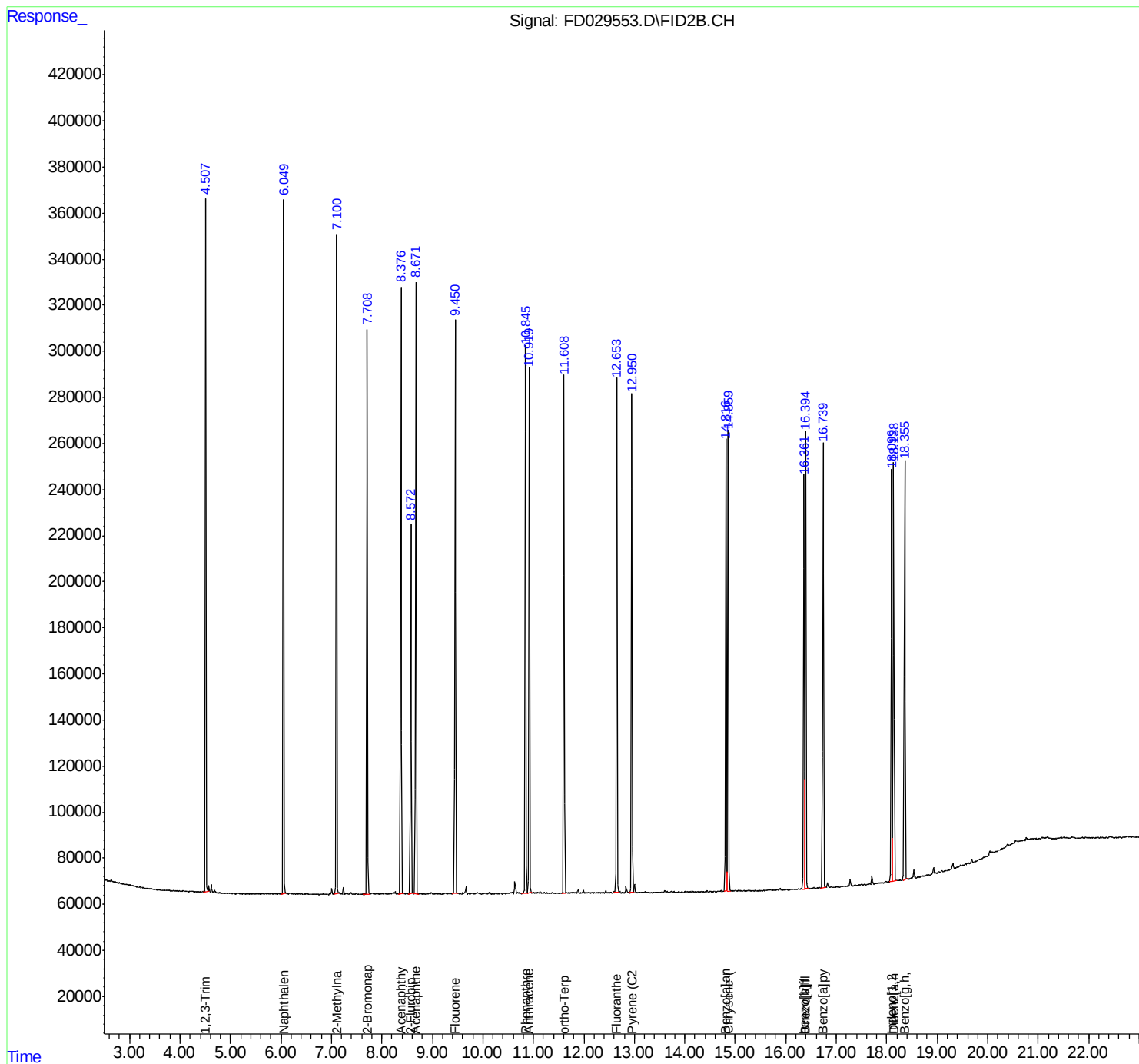
Instrument :
FID_D
ClientSampled :

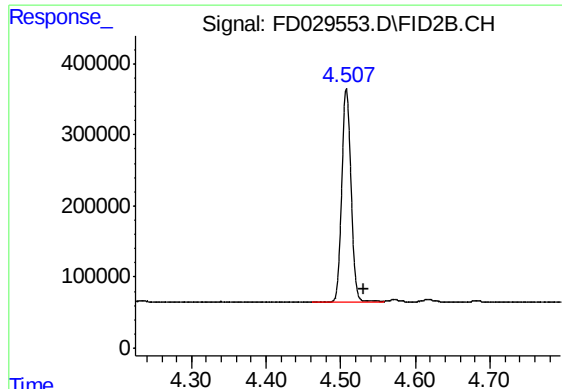
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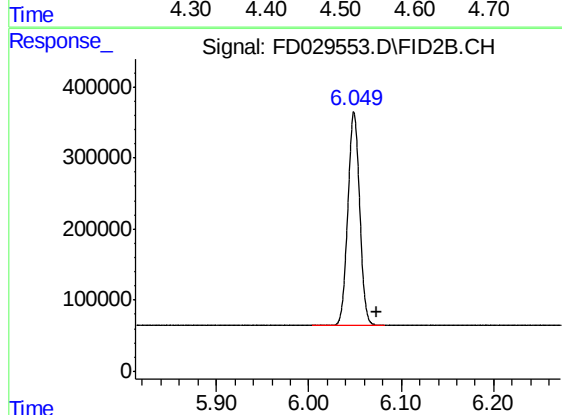
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.508 min
Delta R.T.: -0.023 min
Response: 2562819
Conc: 20.98 ug/ml

Instrument :
FID_D
ClientSampleId :

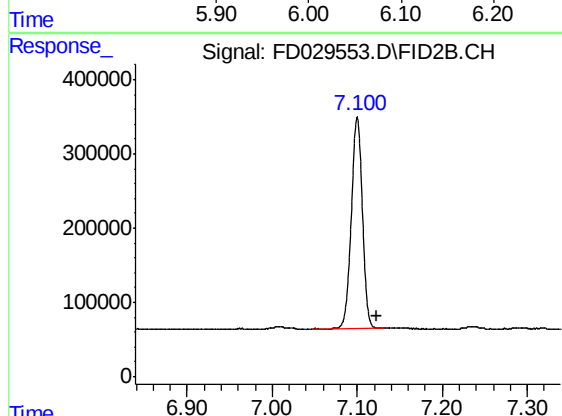
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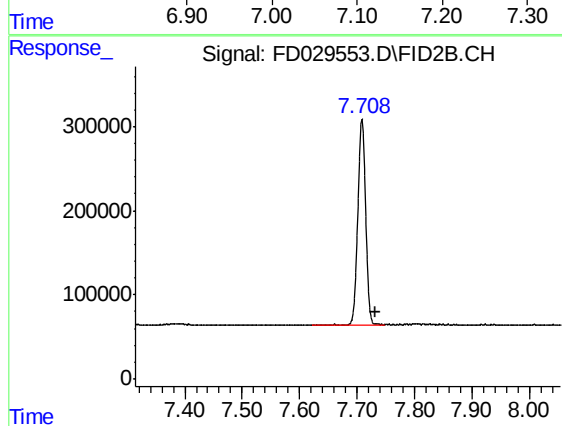
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.024 min
Response: 2659938
Conc: 20.41 ug/ml



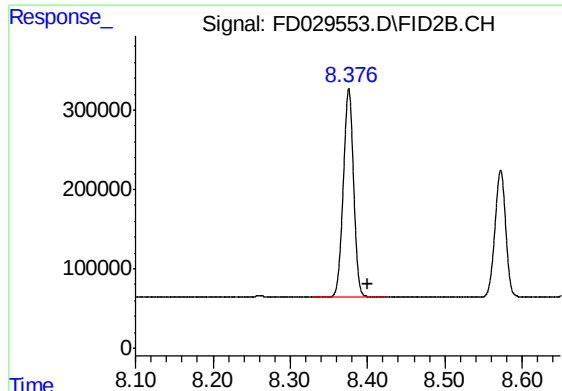
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.100 min
Delta R.T.: -0.023 min
Response: 2591013
Conc: 20.07 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.709 min
Delta R.T.: -0.024 min
Response: 2309859
Conc: 19.88 ug/ml



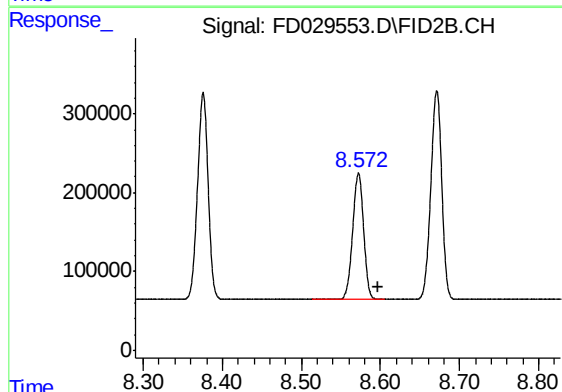
#5 Acenaphthylene (C15.06)

R.T.: 8.376 min
Delta R.T.: -0.024 min
Response: 2436442
Conc: 19.27 ug/ml

Instrument :
FID_D
ClientSampleId :

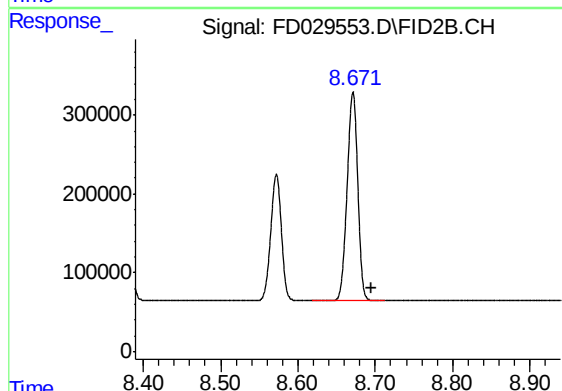
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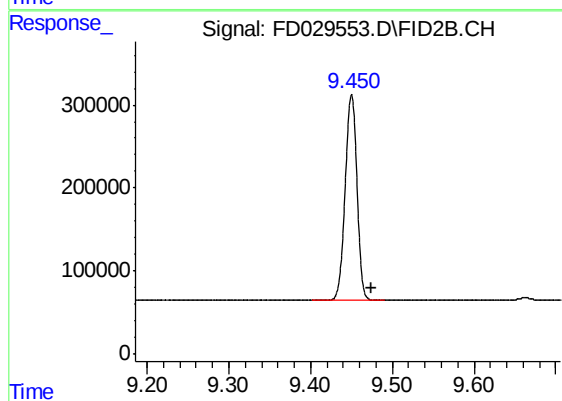
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.572 min
Delta R.T.: -0.024 min
Response: 1539674
Conc: 19.42 ug/ml



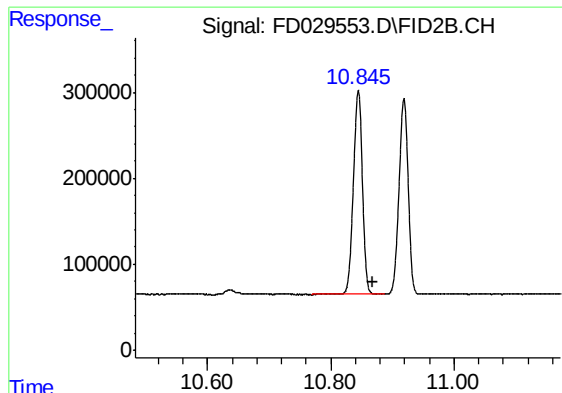
#7 Acenaphthene (C15.5)

R.T.: 8.671 min
Delta R.T.: -0.024 min
Response: 2544709
Conc: 19.50 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.450 min
Delta R.T.: -0.024 min
Response: 2484447
Conc: 19.09 ug/ml



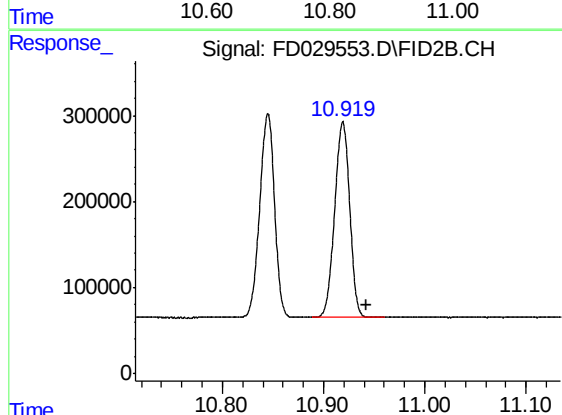
#9 Phenanthrene (C19.36)

R.T.: 10.845 min
Delta R.T.: -0.024 min
Response: 2430594
Conc: 18.52 ug/ml

Instrument :
FID_D
ClientSampleId :

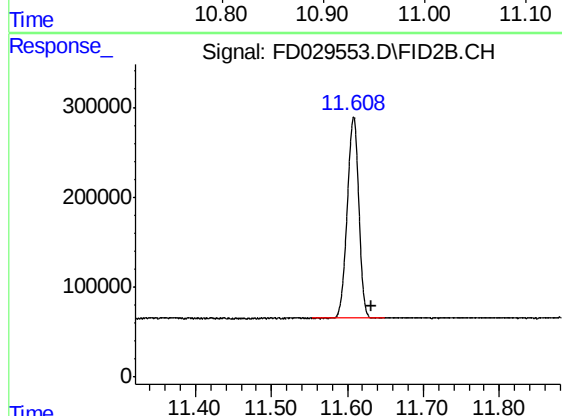
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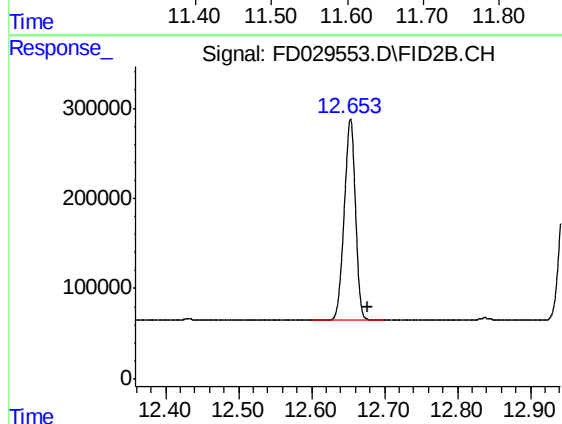
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: -0.024 min
Response: 2359201
Conc: 18.25 ug/ml



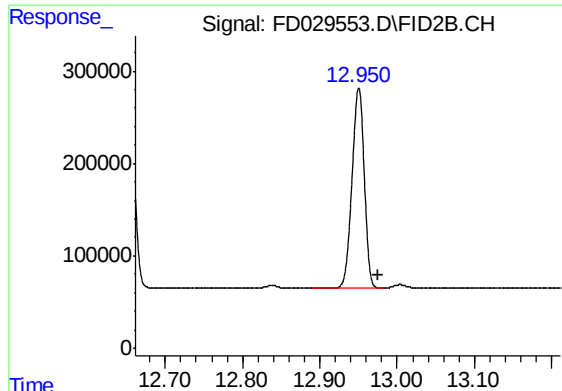
#11 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: -0.024 min
Response: 2375565
Conc: 18.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.653 min
Delta R.T.: -0.024 min
Response: 2377306
Conc: 18.08 ug/ml m



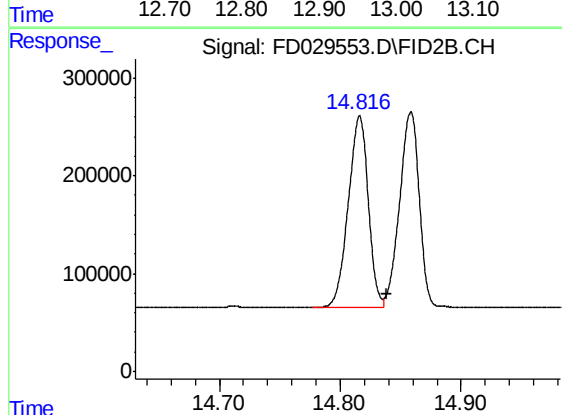
#13 Pyrene (C20.8)

R.T.: 12.951 min
Delta R.T.: -0.024 min
Response: 2374147
Conc: 18.03 ug/ml

Instrument :
FID_D
ClientSampleId :

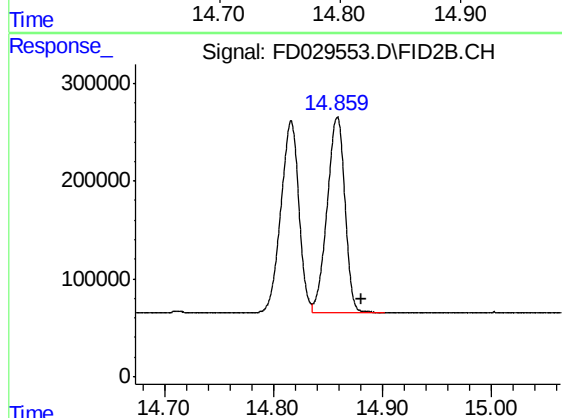
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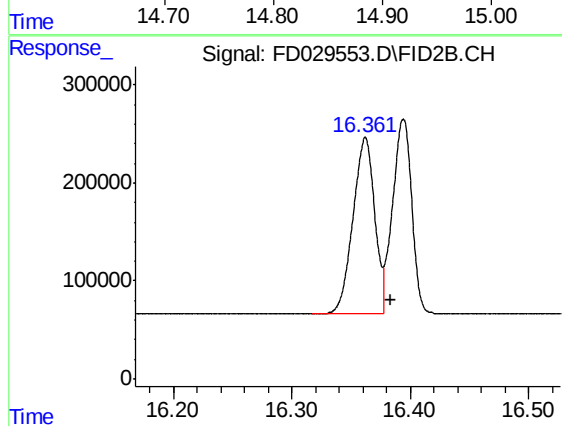
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.816 min
Delta R.T.: -0.023 min
Response: 2237784
Conc: 17.80 ug/ml m



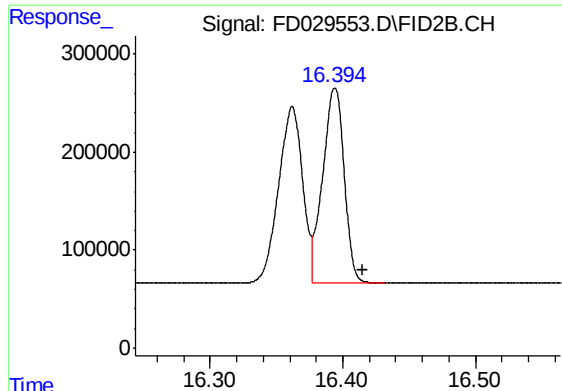
#15 Chrysene (C27.41)

R.T.: 14.858 min
Delta R.T.: -0.022 min
Response: 2253432
Conc: 17.87 ug/ml



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

R.T.: 16.361 min
Delta R.T.: -0.022 min
Response: 2285556
Conc: 18.45 ug/ml m



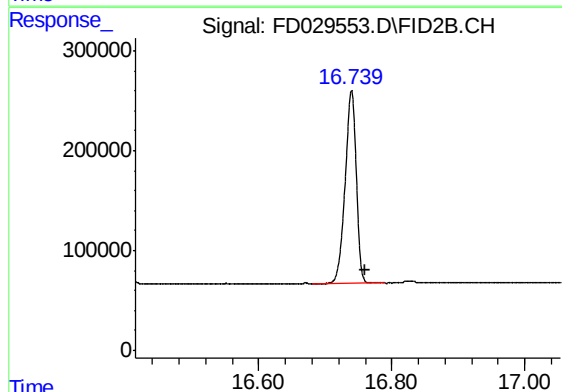
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.394 min
Delta R.T.: -0.021 min
Response: 2239821
Conc: 18.18 ug/ml

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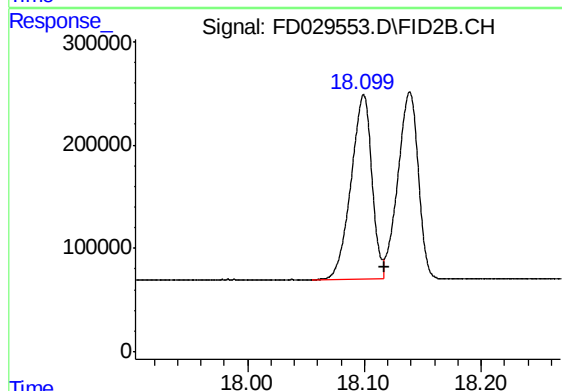
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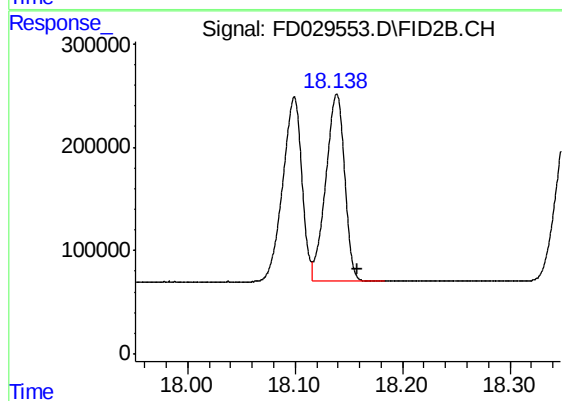
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.740 min
Delta R.T.: -0.021 min
Response: 2243122
Conc: 18.34 ug/ml



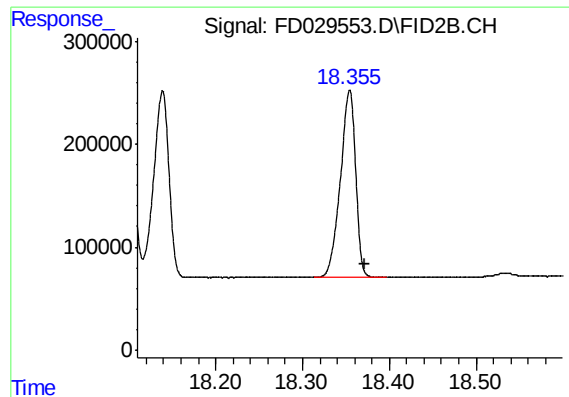
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.099 min
Delta R.T.: -0.018 min
Response: 2215857
Conc: 18.78 ug/ml



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

R.T.: 18.139 min
Delta R.T.: -0.019 min
Response: 2218839
Conc: 19.17 ug/ml



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

R.T.: 18.354 min
Delta R.T.: -0.017 min
Response: 2220596
Conc: 19.13 ug/ml

Instrument :
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ClientSampleId :

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