

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021819AR\
 Data File : FD027812.D
 Signal(s) : FID2B.CH
 Acq On : 19 Feb 2019 3:09
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
 APPROVED

Sohil
 2/19/2019 10:58:05 AM

Integration File: autoint1.e
 Quant Time: Feb 19 07:09:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.332	1600431	21.558 ug/ml
Spiked Amount 50.000		Recovery =	43.12%
6) S 2-Fluorobiphenyl (SURR)	8.180	1068784	21.007 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.01%
11) S ortho-Terphenyl (SURR)	11.217	1826441	20.604 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.143	1761820	22.292 ug/ml
2) T Naphthalene (C11.7)	5.669	1872042	21.994 ug/mlm
3) T 2-Methylnaphthalene (...)	6.718	1832300	21.719 ug/ml
5) T Acenaphthylene (C15.06)	7.983	1753092	20.938 ug/mlm
7) T Acenaphthene (C15.5)	8.278	1826439	20.779 ug/ml
8) T Fluorene (C16.55)	9.055	1794339	20.575 ug/mlm
9) T Phenanthrene (C19.36)	10.441	1787202	20.345 ug/mlm
10) T Anthracene (C19.43)	10.515	1799668	20.827 ug/mlm
12) T Fluoranthene (C21.85)	12.241	1872456	20.915 ug/mlm
13) T Pyrene (C20.8)	12.534	1875750	21.139 ug/ml
14) T Benzo[a]anthracene (C...	14.399	1848526	20.673 ug/mlm
15) T Chrysene (C27.41)	14.440	1916062	21.099 ug/mlm
16) T benzo[b]fluoranthene ...	15.942	1930606	19.767 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.974	1941472	19.635 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.317	1932897	19.768 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.677	1773669	17.886 ug/ml
20) T Dibenz[a,h]anthracene...	17.719	1964509	19.972 ug/ml
21) T Benzo[g,h,i]perylene ...	17.927	1922608	18.964 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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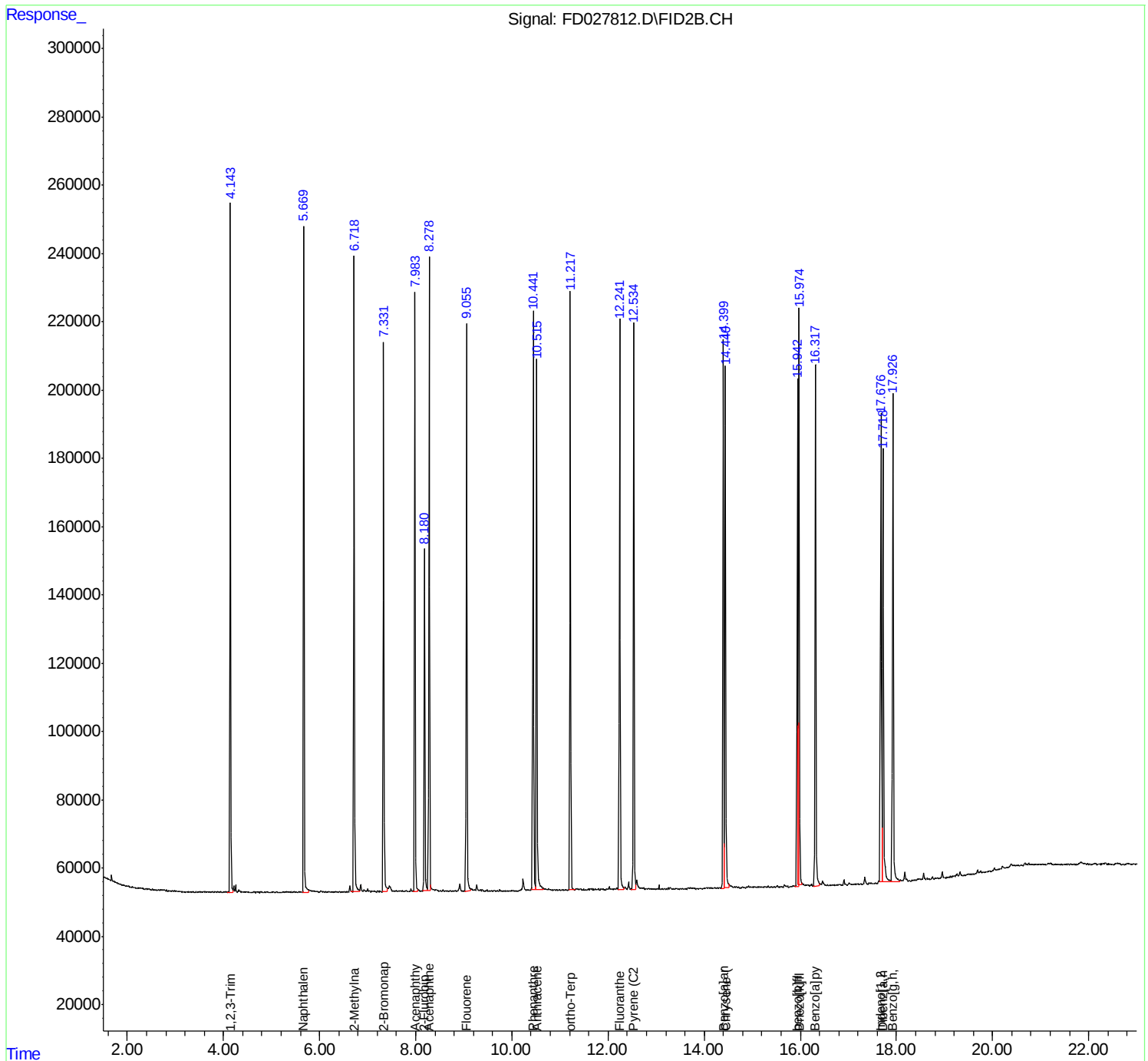
Instrument :
FID_D
ClientSampleId :

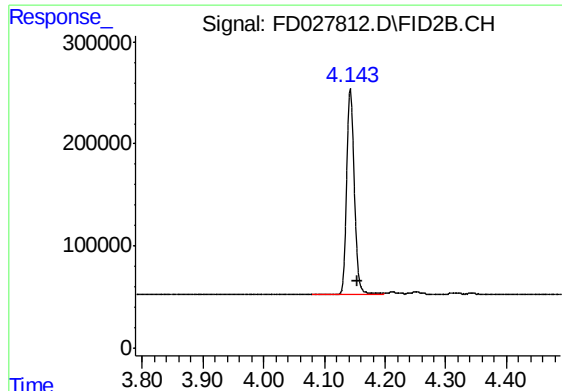
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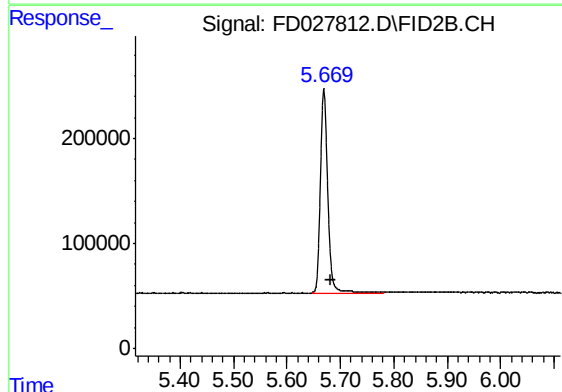
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.143 min
Delta R.T.: -0.012 min
Response: 1761820
Conc: 22.29 ug/ml

Instrument :
FID_D
ClientSampleId :

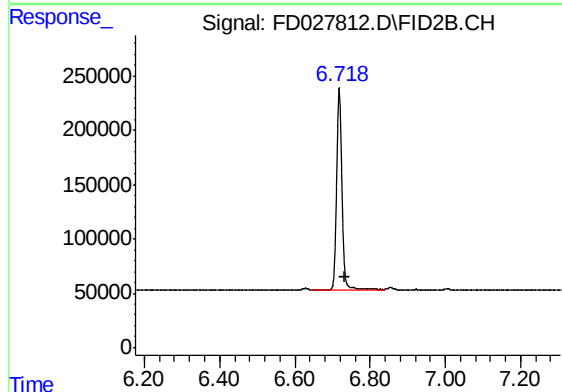
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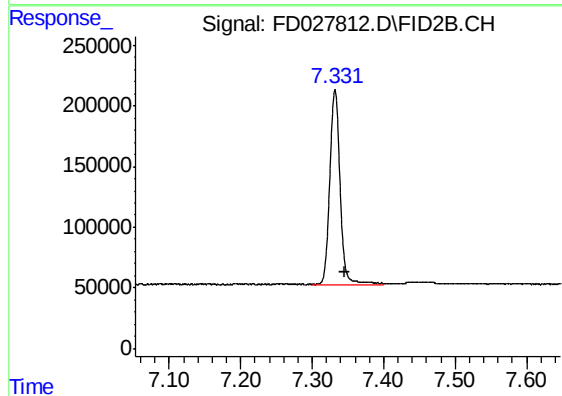
#2 Naphthalene (C11.7)

R.T.: 5.669 min
Delta R.T.: -0.013 min
Response: 1872042
Conc: 21.99 ug/ml m



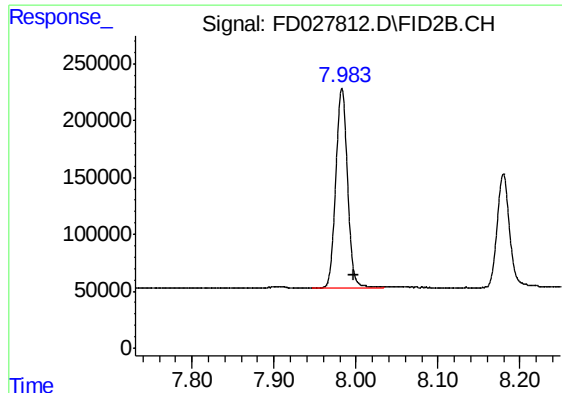
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.014 min
Response: 1832300
Conc: 21.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: -0.013 min
Response: 1600431
Conc: 21.56 ug/ml



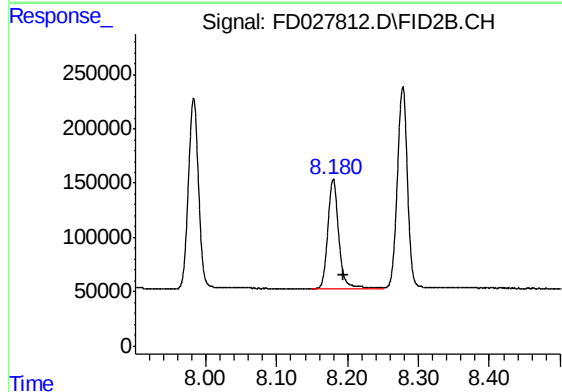
#5 Acenaphthylene (C15.06)

R.T.: 7.983 min
Delta R.T.: -0.014 min
Response: 1753092
Conc: 20.94 ug/ml m

Instrument :
FID_D
ClientSampleId :

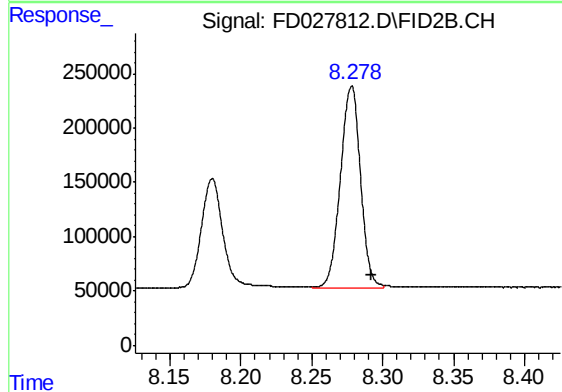
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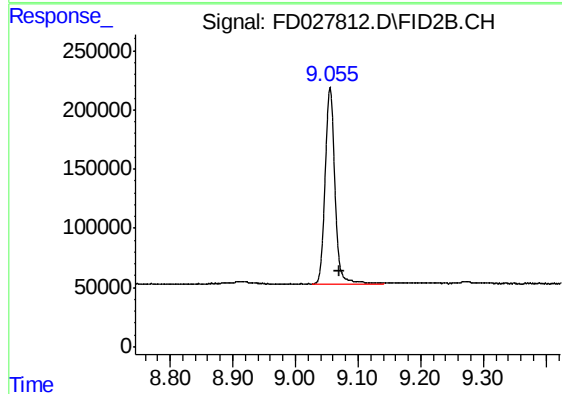
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.014 min
Response: 1068784
Conc: 21.01 ug/ml



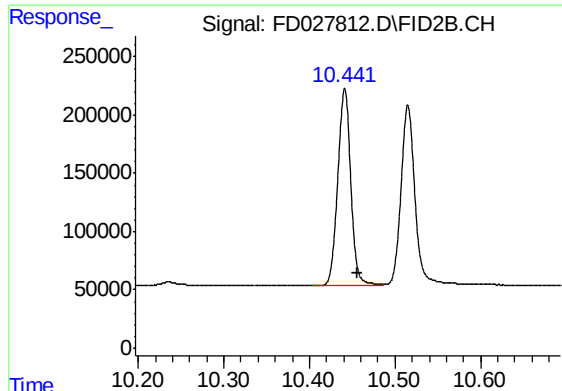
#7 Acenaphthene (C15.5)

R.T.: 8.278 min
Delta R.T.: -0.014 min
Response: 1826439
Conc: 20.78 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.055 min
Delta R.T.: -0.015 min
Response: 1794339
Conc: 20.58 ug/ml m



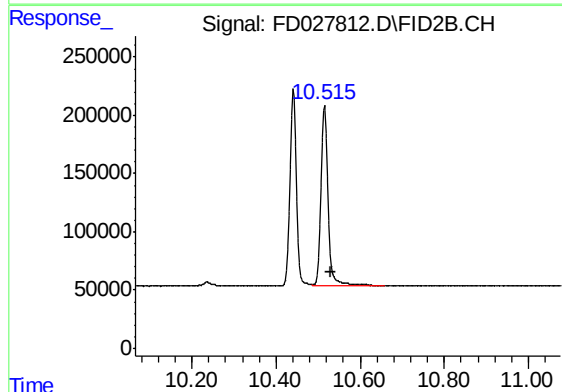
#9 Phenanthrene (C19.36)

R.T.: 10.441 min
Delta R.T.: -0.015 min
Response: 1787202
Conc: 20.35 ug/ml m

Instrument :
FID_D
ClientSampleId :

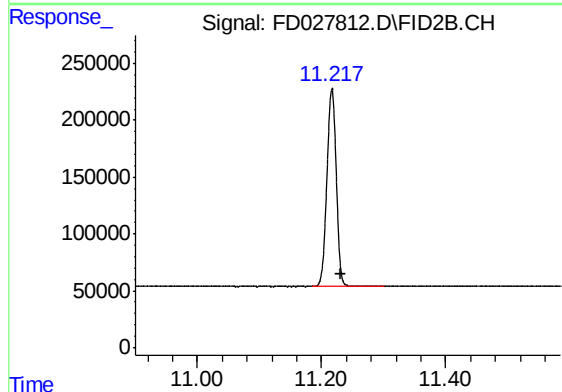
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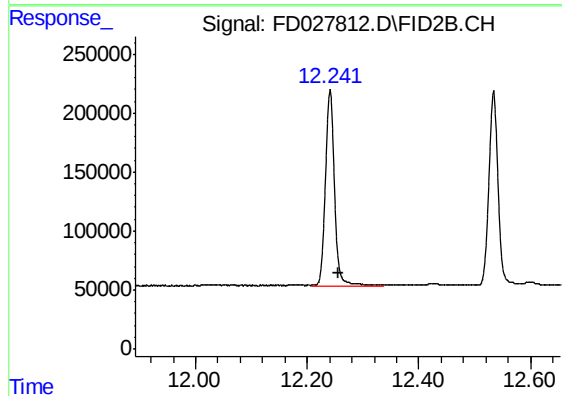
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.015 min
Response: 1799668
Conc: 20.83 ug/ml m



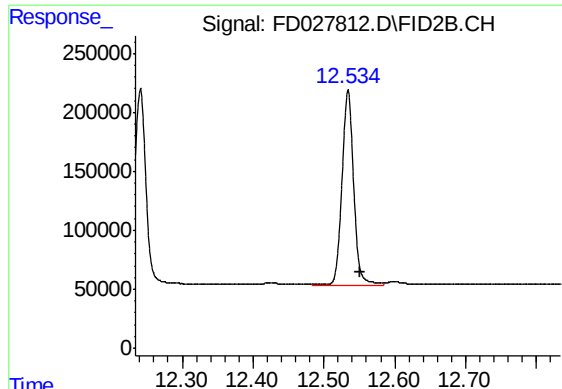
#11 ortho-Terphenyl (SURR)

R.T.: 11.217 min
Delta R.T.: -0.014 min
Response: 1826441
Conc: 20.60 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.241 min
Delta R.T.: -0.016 min
Response: 1872456
Conc: 20.92 ug/ml m



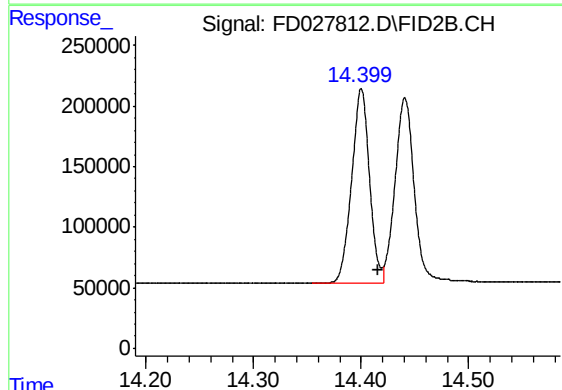
#13 Pyrene (C20.8)

R.T.: 12.534 min
Delta R.T.: -0.016 min
Response: 1875750
Conc: 21.14 ug/ml

Instrument :
FID_D
ClientSampleId :

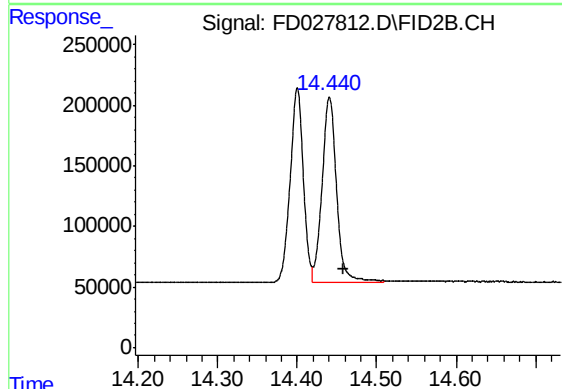
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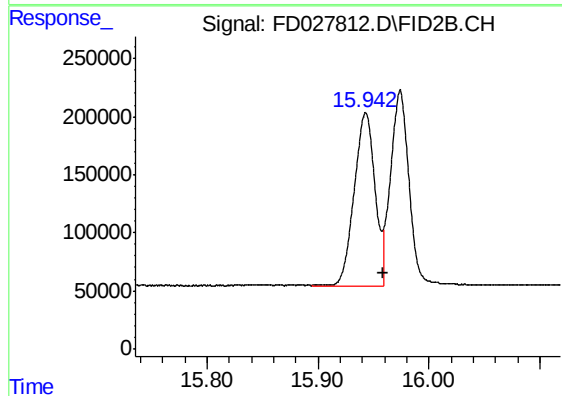
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.399 min
Delta R.T.: -0.017 min
Response: 1848526
Conc: 20.67 ug/ml m



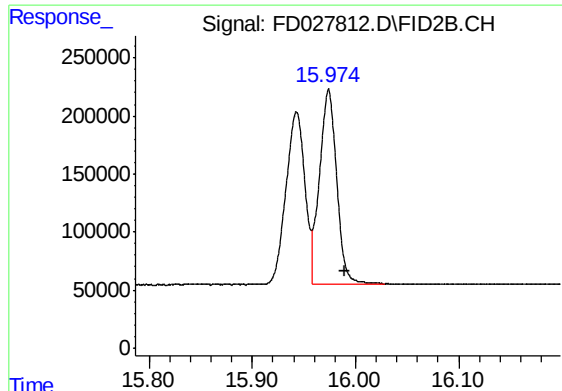
#15 Chrysene (C27.41)

R.T.: 14.440 min
Delta R.T.: -0.017 min
Response: 1916062
Conc: 21.10 ug/ml m



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

R.T.: 15.942 min
Delta R.T.: -0.016 min
Response: 1930606
Conc: 19.77 ug/ml m



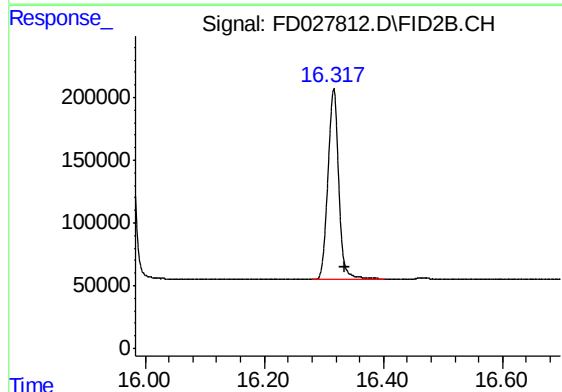
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.974 min
Delta R.T.: -0.016 min
Response: 1941472
Conc: 19.64 ug/ml m

Instrument :
FID_D
ClientSampled :

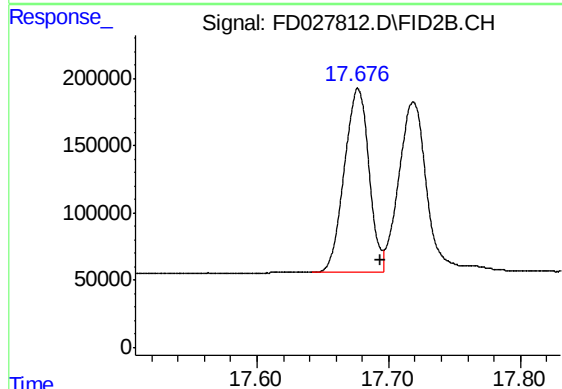
Manual Integrations
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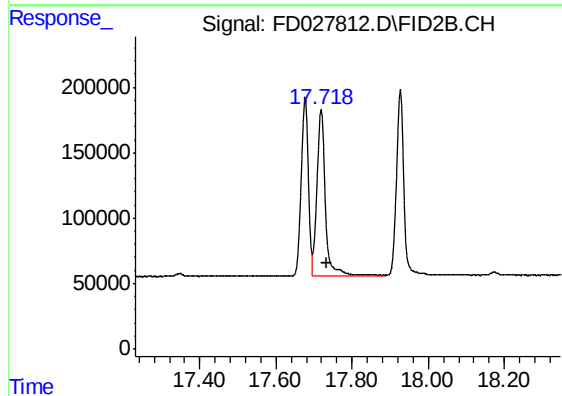
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.317 min
Delta R.T.: -0.018 min
Response: 1932897
Conc: 19.77 ug/ml m



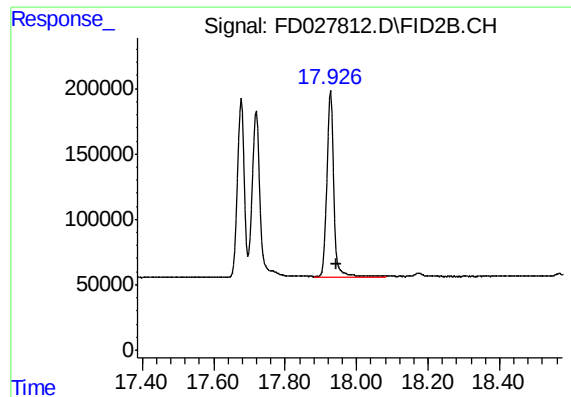
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.677 min
Delta R.T.: -0.017 min
Response: 1773669
Conc: 17.89 ug/ml



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

R.T.: 17.719 min
Delta R.T.: -0.016 min
Response: 1964509
Conc: 19.97 ug/ml



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

R.T.: 17.927 min
Delta R.T.: -0.017 min
Response: 1922608
Conc: 18.96 ug/ml

Instrument :
FID_D
ClientSampleId :

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