

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022019AR\
 Data File : FD027864.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2019 15:37
 Operator : AJ\SJ
 Sample : K1525-06MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
 APPROVED

Sohil
 2/22/2019 8:15:16 AM

Integration File: autoint1.e
 Quant Time: Feb 20 23:41:35 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...	7.337	4246704	57.203 ug/ml
Spiked Amount 50.000		Recovery =	114.41%
6) S 2-Fluorobiphenyl (SURR)	8.185	2853085	56.077 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.15%
11) S ortho-Terphenyl (SURR)	11.222	3242458	36.578 ug/ml
Spiked Amount 50.000		Recovery =	73.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.149	2557617	32.360 ug/ml
2) T Naphthalene (C11.7)	5.674	3015169	35.424 ug/mlm
3) T 2-Methylnaphthalene (...)	6.722	3159528	37.451 ug/mlm
5) T Acenaphthylene (C15.06)	7.988	3141244	37.517 ug/mlm
7) T Acenaphthene (C15.5)	8.284	3307378	37.627 ug/ml
8) T Flouorene (C16.55)	9.060	3287107	37.692 ug/mlm
9) T Phenanthrene (C19.36)	10.447	3271070	37.238 ug/ml
10) T Anthracene (C19.43)	10.521	3306940	38.271 ug/mlm
12) T Fluoranthene (C21.85)	12.248	3690499	41.222 ug/mlm
13) T Pyrene (C20.8)	12.541	3320911	37.425 ug/ml
14) T Benzo[a]anthracene (C...	14.408	3273978	36.615 ug/mlm
15) T Chrysene (C27.41)	14.451	3373532	37.148 ug/ml
16) T benzo[b]fluoranthene ...	15.949	3311360	33.905 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.984	3368851	34.071 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.323	3172431	32.446 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.687	3300314	33.280 ug/mlm
20) T Dibenz[a,h]anthracene...	17.727	3550354	36.095 ug/ml
21) T Benzo[g,h,i]perylene ...	17.938	3367666	33.218 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 61 Sample Multiplier: 1

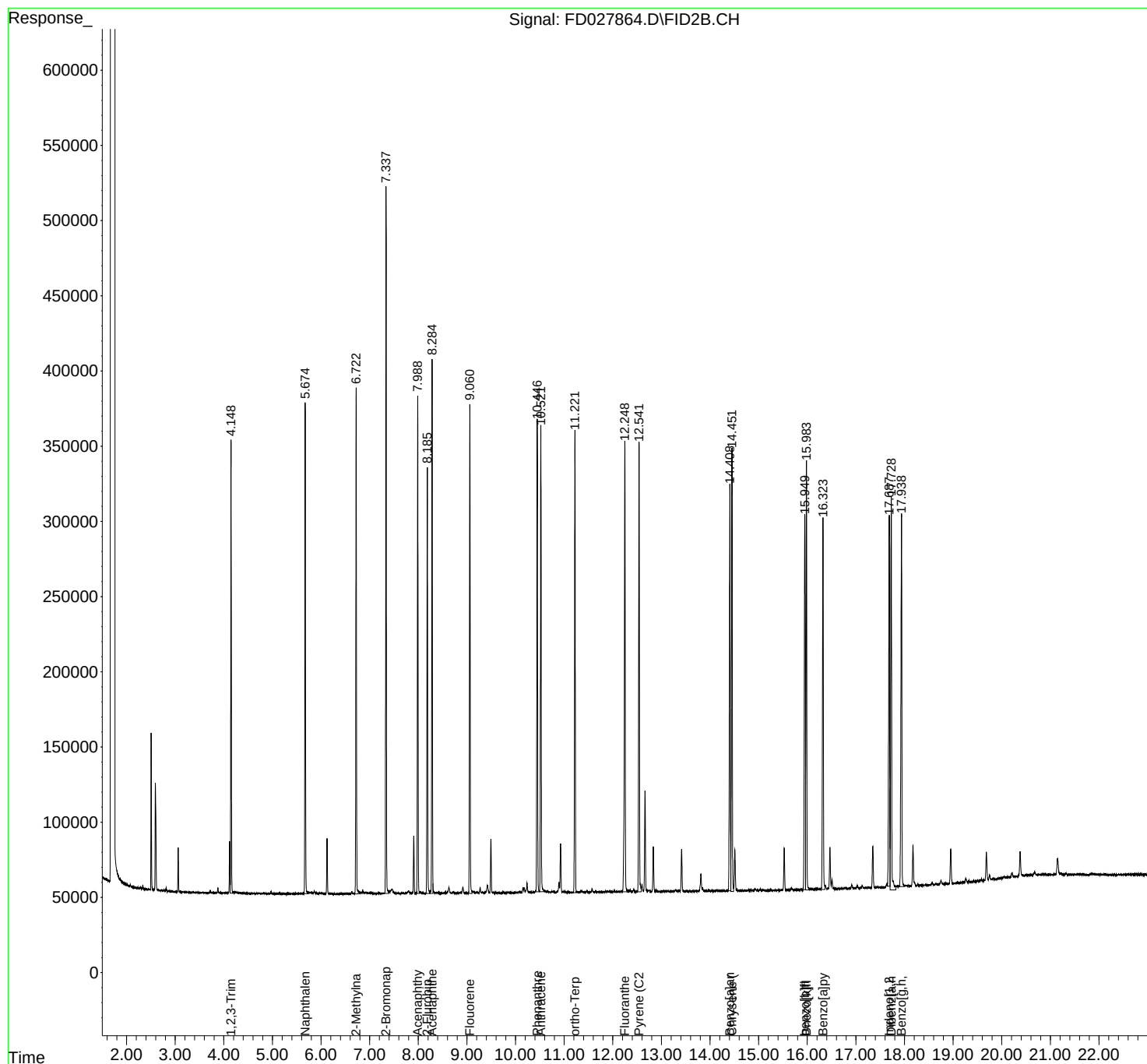
Instrument :
FID_D
ClientSampled :

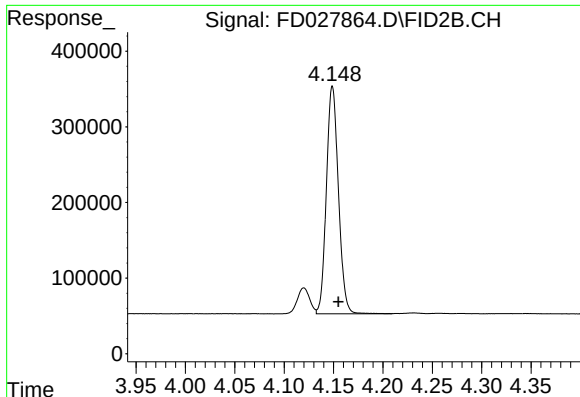
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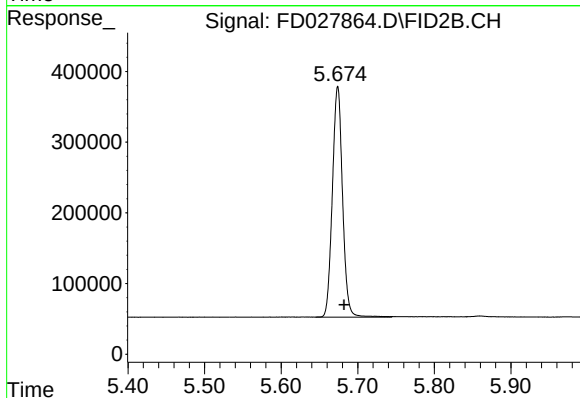
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.149 min
Delta R.T.: -0.006 min
Response: 2557617
Conc: 32.36 ug/ml

Instrument :
FID_D
ClientSampleId :

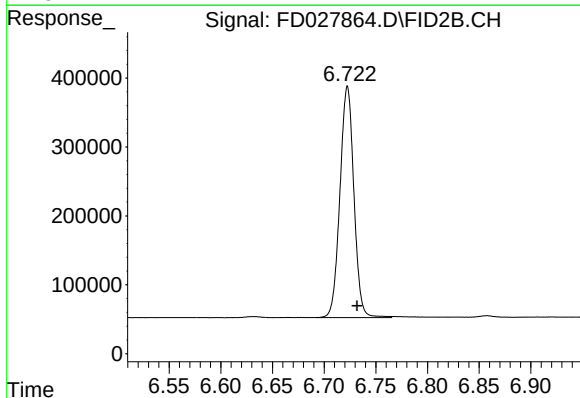
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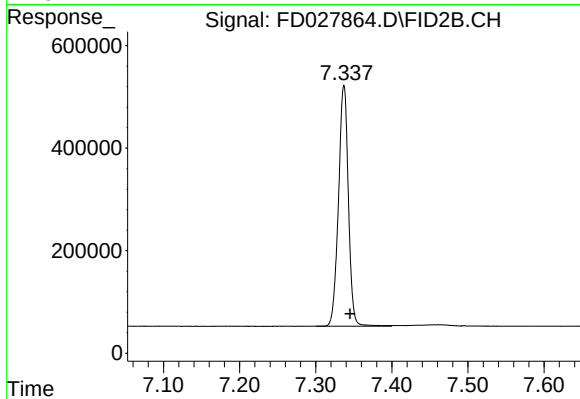
#2 Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.009 min
Response: 3015169
Conc: 35.42 ug/ml m



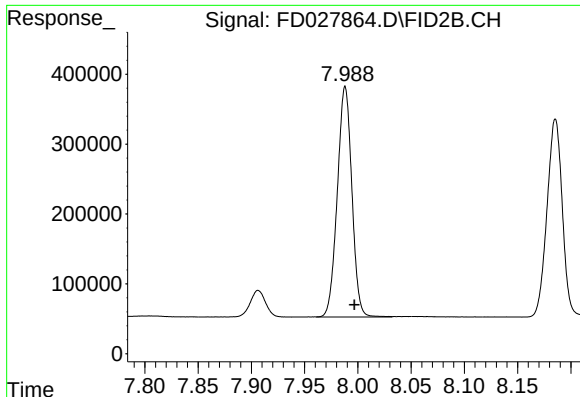
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.010 min
Response: 3159528
Conc: 37.45 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.337 min
Delta R.T.: -0.008 min
Response: 4246704
Conc: 57.20 ug/ml



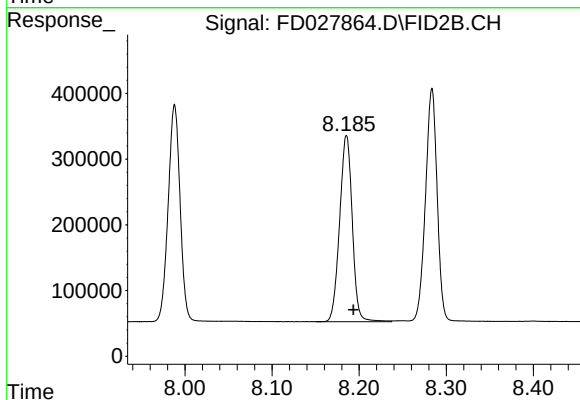
#5 Acenaphthylene (C15.06)

R.T.: 7.988 min
Delta R.T.: -0.009 min
Response: 3141244
Conc: 37.52 ug/ml m

Instrument :
FID_D
ClientSampleId :

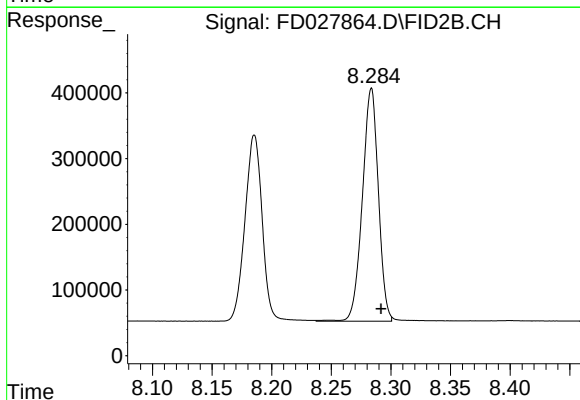
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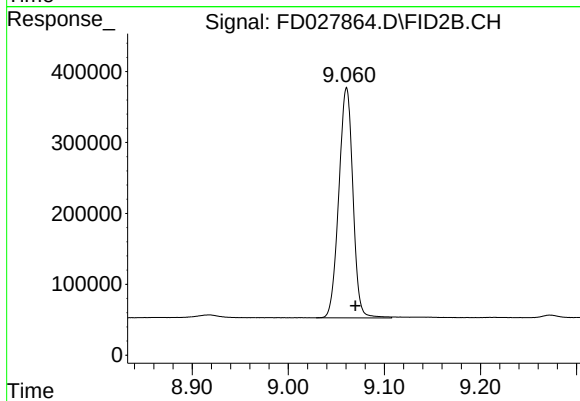
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.185 min
Delta R.T.: -0.008 min
Response: 2853085
Conc: 56.08 ug/ml



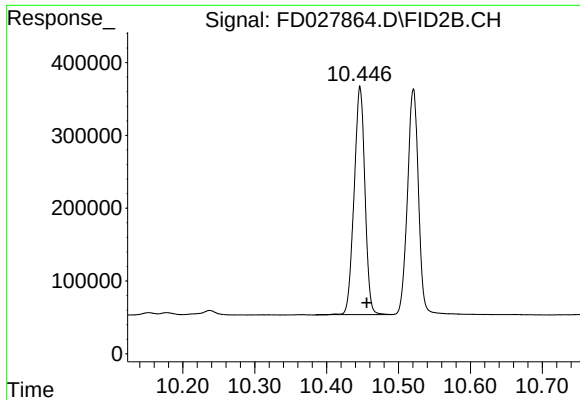
#7 Acenaphthene (C15.5)

R.T.: 8.284 min
Delta R.T.: -0.008 min
Response: 3307378
Conc: 37.63 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.060 min
Delta R.T.: -0.009 min
Response: 3287107
Conc: 37.69 ug/ml m



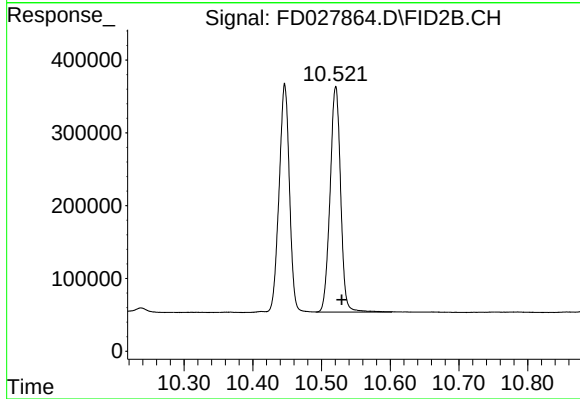
#9 Phenanthrene (C19.36)

R.T.: 10.447 min
Delta R.T.: -0.009 min
Response: 3271070
Conc: 37.24 ug/ml

Instrument :
FID_D
ClientSampleId :

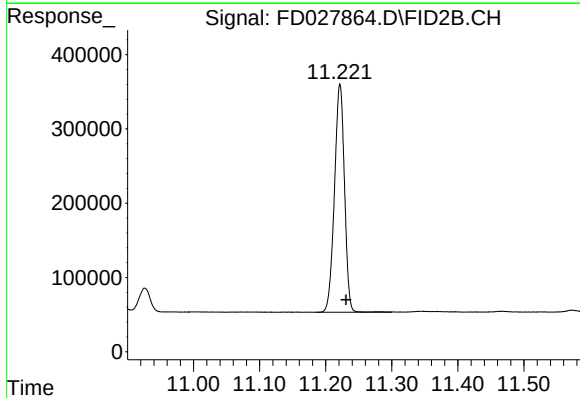
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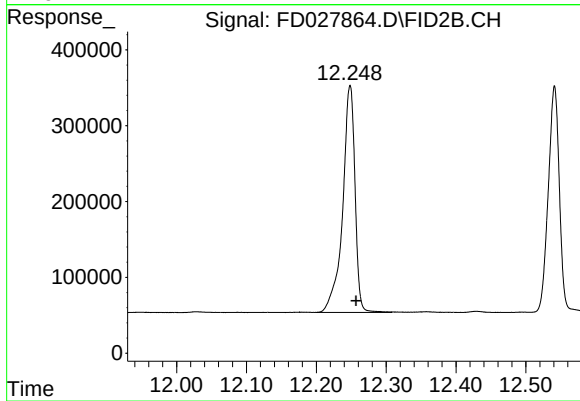
#10 Anthracene (C19.43)

R.T.: 10.521 min
Delta R.T.: -0.009 min
Response: 3306940
Conc: 38.27 ug/ml m



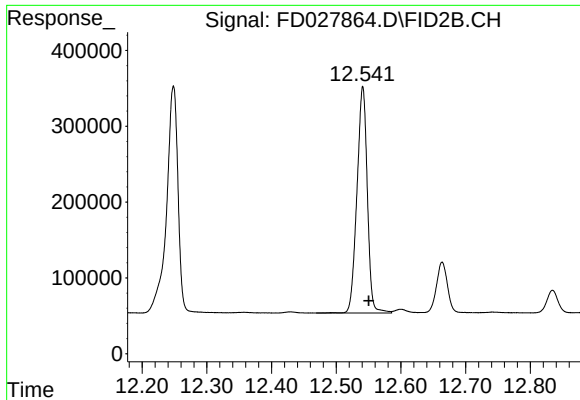
#11 ortho-Terphenyl (SURR)

R.T.: 11.222 min
Delta R.T.: -0.009 min
Response: 3242458
Conc: 36.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.248 min
Delta R.T.: -0.009 min
Response: 3690499
Conc: 41.22 ug/ml m



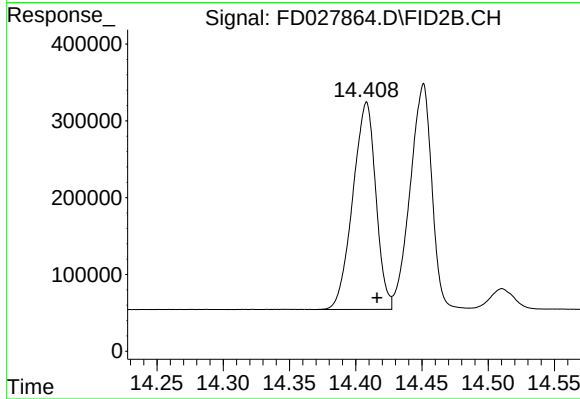
#13 Pyrene (C20.8)

R.T.: 12.541 min
Delta R.T.: -0.009 min
Response: 3320911
Conc: 37.42 ug/ml

Instrument :
FID_D
ClientSampleId :

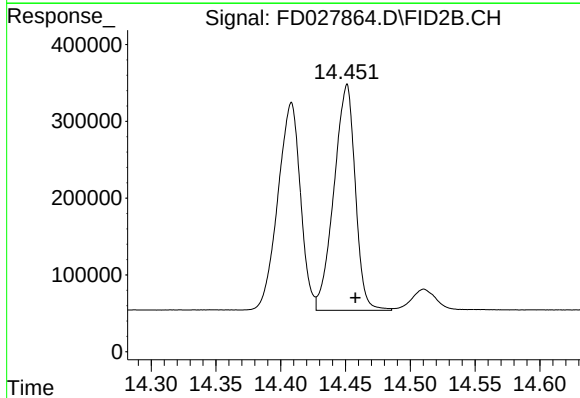
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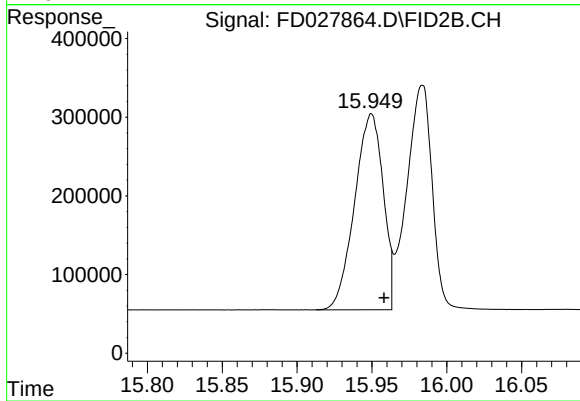
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.408 min
Delta R.T.: -0.008 min
Response: 3273978
Conc: 36.62 ug/ml m



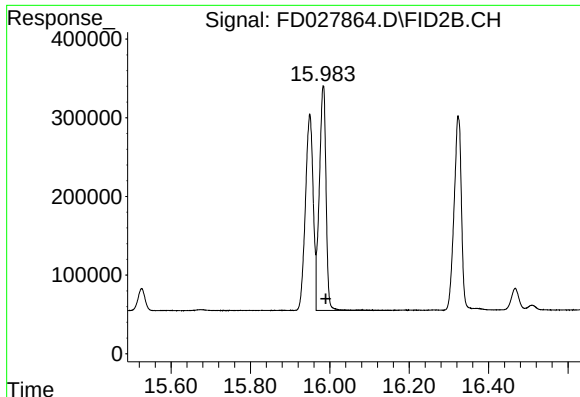
#15 Chrysene (C27.41)

R.T.: 14.451 min
Delta R.T.: -0.006 min
Response: 3373532
Conc: 37.15 ug/ml



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

R.T.: 15.949 min
Delta R.T.: -0.009 min
Response: 3311360
Conc: 33.90 ug/ml m



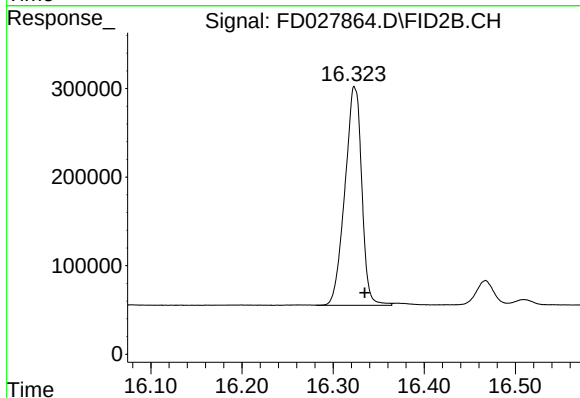
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.984 min
Delta R.T.: -0.006 min
Response: 3368851
Conc: 34.07 ug/ml

Instrument :
FID_D
ClientSampleId :

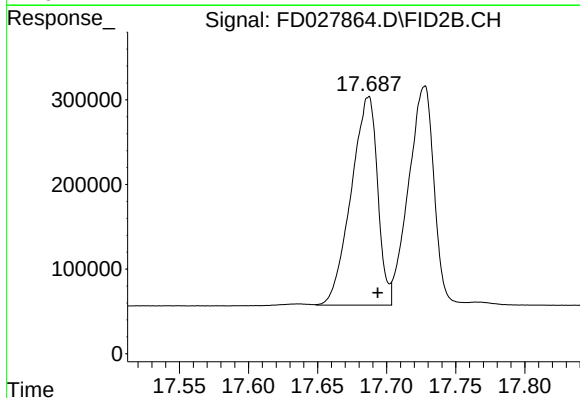
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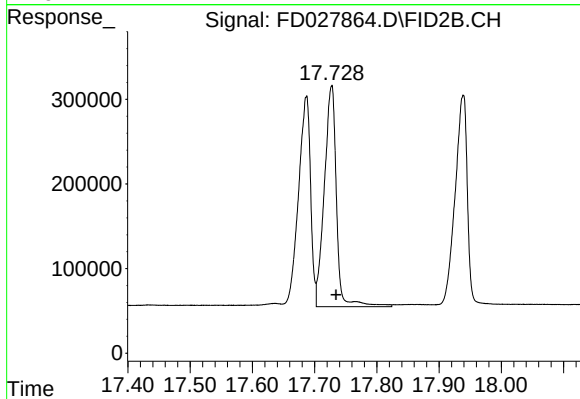
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.323 min
Delta R.T.: -0.012 min
Response: 3172431
Conc: 32.45 ug/ml m



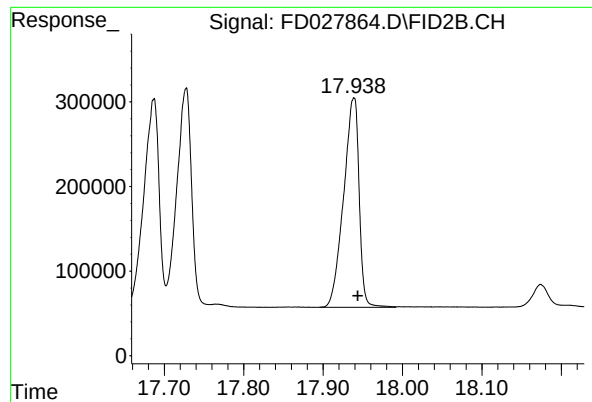
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.687 min
Delta R.T.: -0.006 min
Response: 3300314
Conc: 33.28 ug/ml m



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

R.T.: 17.727 min
Delta R.T.: -0.007 min
Response: 3550354
Conc: 36.09 ug/ml



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

R.T.: 17.938 min
Delta R.T.: -0.005 min
Response: 3367666
Conc: 33.22 ug/ml m

Instrument :
FID_D
ClientSampleId :

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