

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020419AR\
 Data File : FD027554.D
 Signal(s) : FID2B.CH
 Acq On : 04 Feb 2019 19:48
 Operator : AJ\SJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 05 00:57:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 00:56:12 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...	7.347	3640189	47.730 ug/ml
Spiked Amount 50.000		Recovery =	95.46%
6) S 2-Fluorobiphenyl (SURR)	8.196	2519846	47.867 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.73%
11) S ortho-Terphenyl (SURR)	11.235	4209847	46.412 ug/ml
Spiked Amount 50.000		Recovery =	92.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.153	3790842	47.439 ug/ml
2) T Naphthalene (C11.7)	5.682	4139237	47.818 ug/ml
3) T 2-Methylnaphthalene (...)	6.732	4120886	47.769 ug/ml
5) T Acenaphthylene (C15.06)	8.000	4067192	47.321 ug/ml
7) T Acenaphthene (C15.5)	8.295	4250883	47.152 ug/ml
8) T Fluorene (C16.55)	9.073	4240141	47.109 ug/ml
9) T Phenanthrene (C19.36)	10.461	4272699	47.212 ug/ml
10) T Anthracene (C19.43)	10.536	4224252	47.401 ug/ml
12) T Fluoranthene (C21.85)	12.263	4303993	47.299 ug/ml
13) T Pyrene (C20.8)	12.557	4290024	47.160 ug/ml
14) T Benzo[a]anthracene (C...	14.426	4329934	48.041 ug/ml
15) T Chrysene (C27.41)	14.468	4358586	47.919 ug/ml
16) T benzo[b]fluoranthene ...	15.971	4745728	49.023 ug/ml
17) T Bnezo[k]fluoranthene ...	16.005	4722470	48.464 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.348	4793014	49.211 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.711	4906965	49.773 ug/ml
20) T Dibenz[a,h]anthracene...	17.752	4850988	48.566 ug/ml
21) T Benzo[g,h,i]perylene ...	17.964	4940074	49.663 ug/ml

(f)=RT Delta > 1/2 Window

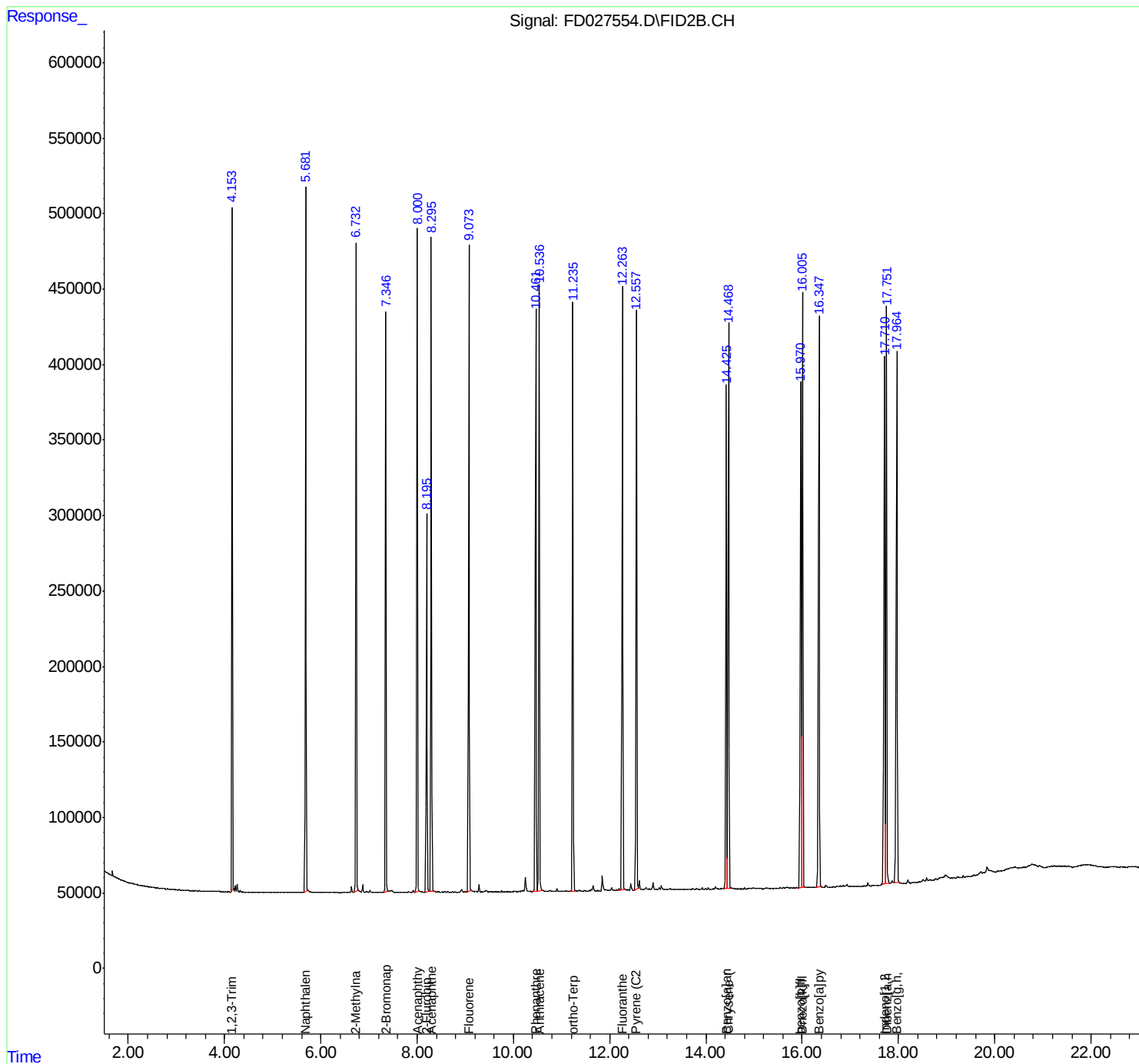
(m)=manual int.

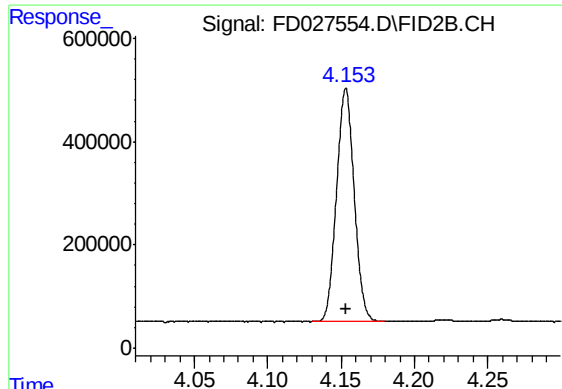
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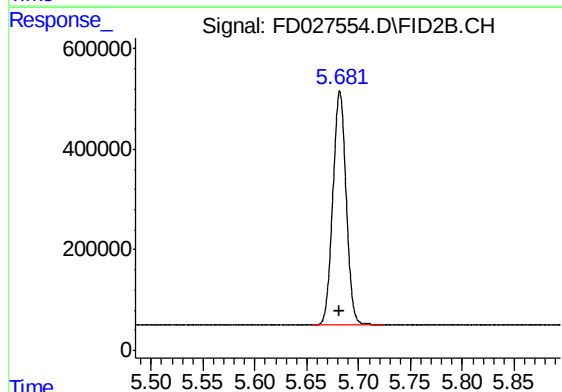




#1 1,2,3-Trimethylbenzene (C10.1)

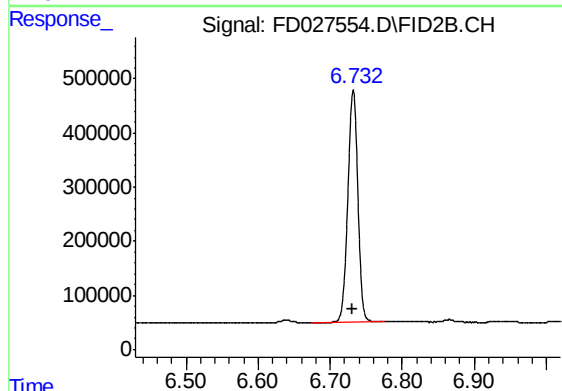
R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 3790842
Conc: 47.44 ug/ml

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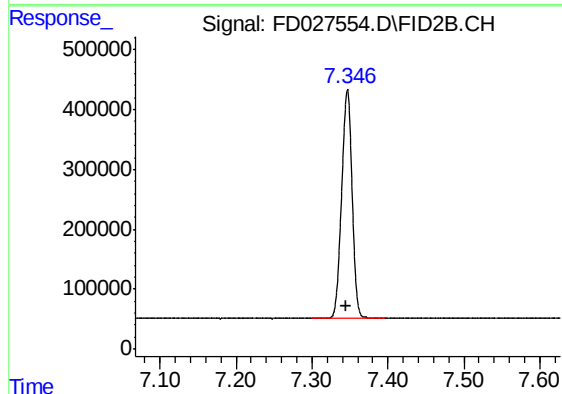
#2 Naphthalene (C11.7)

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 4139237
Conc: 47.82 ug/ml



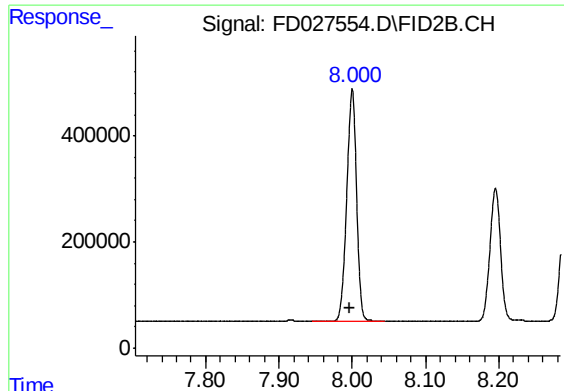
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.732 min
Delta R.T.: 0.001 min
Response: 4120886
Conc: 47.77 ug/ml



#4 2-Bromonaphthalene (SURR)

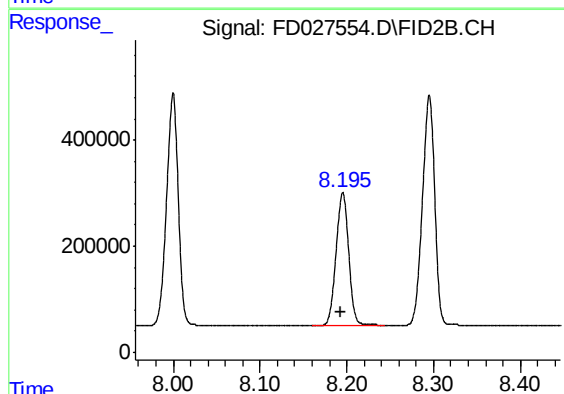
R.T.: 7.347 min
Delta R.T.: 0.002 min
Response: 3640189
Conc: 47.73 ug/ml



#5 Acenaphthylene (C15.06)

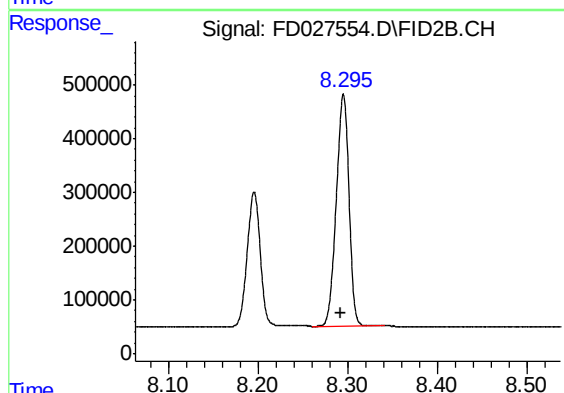
R.T.: 8.000 min
Delta R.T.: 0.003 min
Response: 4067192
Conc: 47.32 ug/ml

Instrument :
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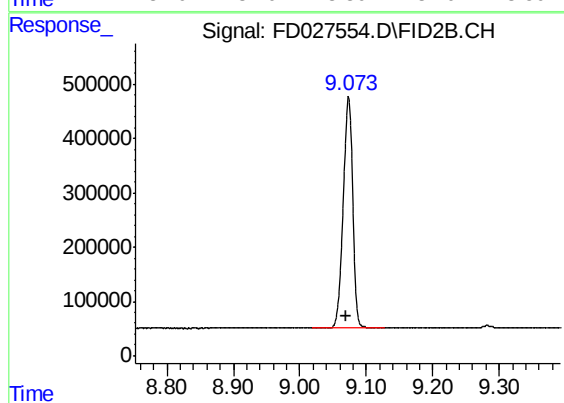
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: 0.002 min
Response: 2519846
Conc: 47.87 ug/ml



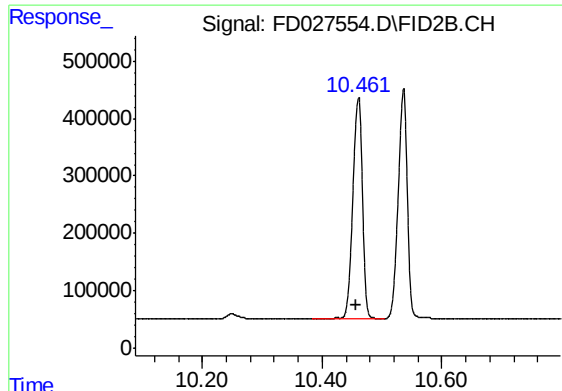
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: 0.003 min
Response: 4250883
Conc: 47.15 ug/ml



#8 Flouorene (C16.55)

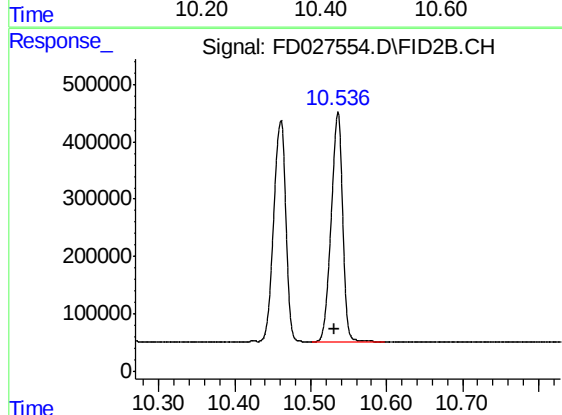
R.T.: 9.073 min
Delta R.T.: 0.004 min
Response: 4240141
Conc: 47.11 ug/ml



#9 Phenanthrene (C19.36)

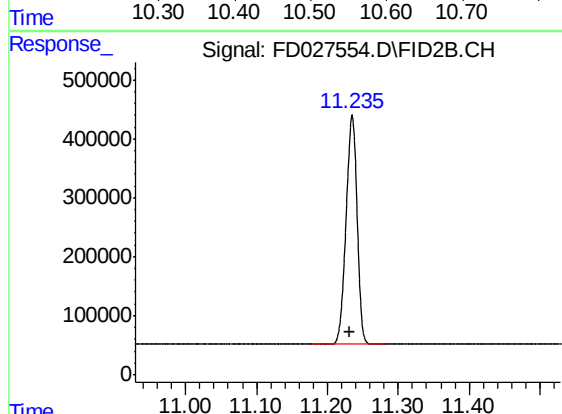
R.T.: 10.461 min
Delta R.T.: 0.004 min
Response: 4272699
Conc: 47.21 ug/ml

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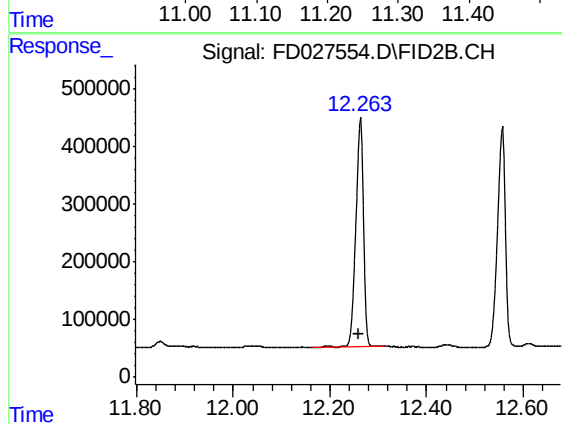
#10 Anthracene (C19.43)

R.T.: 10.536 min
Delta R.T.: 0.005 min
Response: 4224252
Conc: 47.40 ug/ml



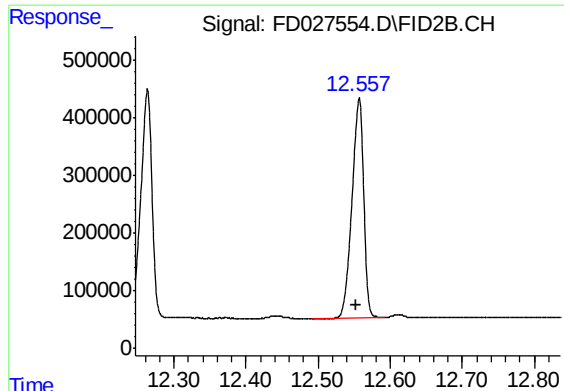
#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.003 min
Response: 4209847
Conc: 46.41 ug/ml



#12 Fluoranthene (C21.85)

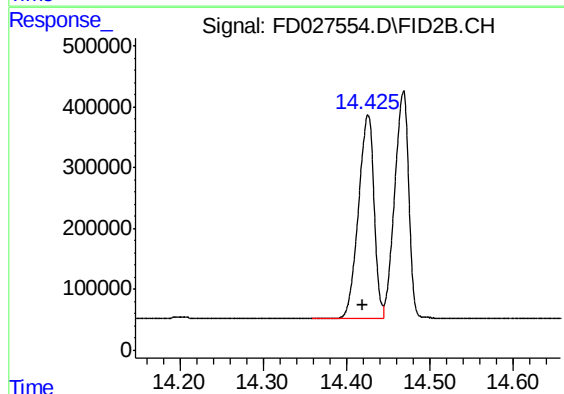
R.T.: 12.263 min
Delta R.T.: 0.003 min
Response: 4303993
Conc: 47.30 ug/ml



#13 Pyrene (C20.8)

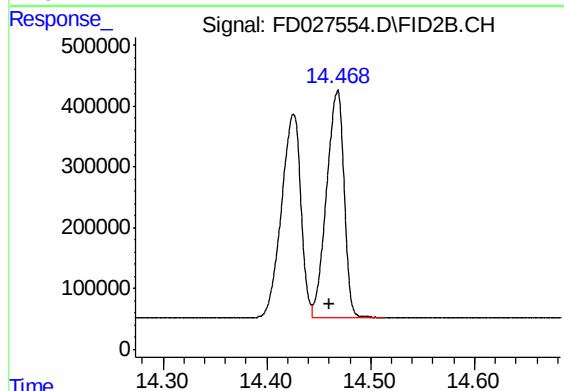
R.T.: 12.557 min
Delta R.T.: 0.005 min
Response: 4290024
Conc: 47.16 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



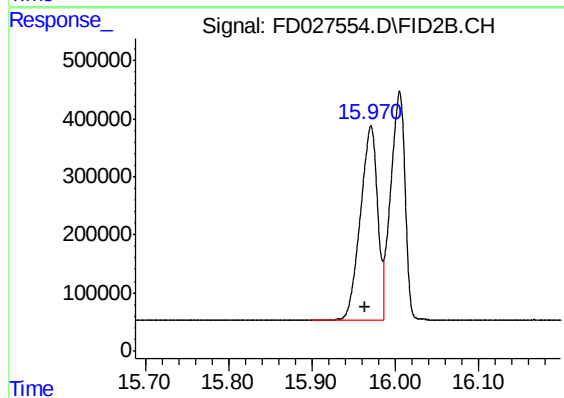
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.426 min
Delta R.T.: 0.007 min
Response: 4329934
Conc: 48.04 ug/ml



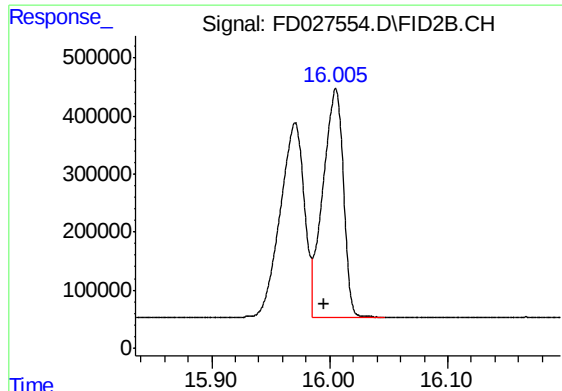
#15 Chrysene (C27.41)

R.T.: 14.468 min
Delta R.T.: 0.007 min
Response: 4358586
Conc: 47.92 ug/ml



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

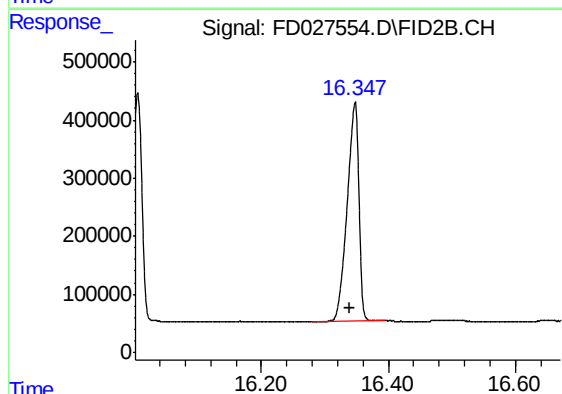
R.T.: 15.971 min
Delta R.T.: 0.007 min
Response: 4745728
Conc: 49.02 ug/ml



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

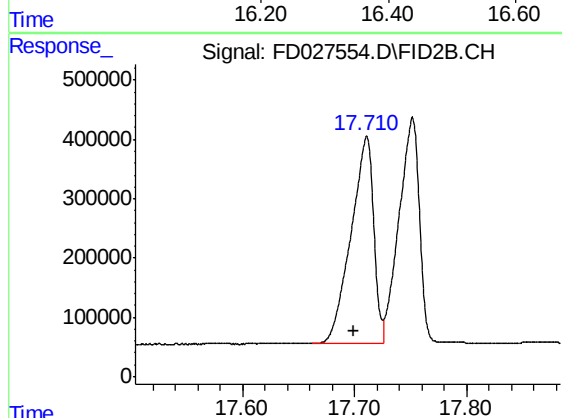
R.T.: 16.005 min
Delta R.T.: 0.010 min
Response: 4722470
Conc: 48.46 ug/ml

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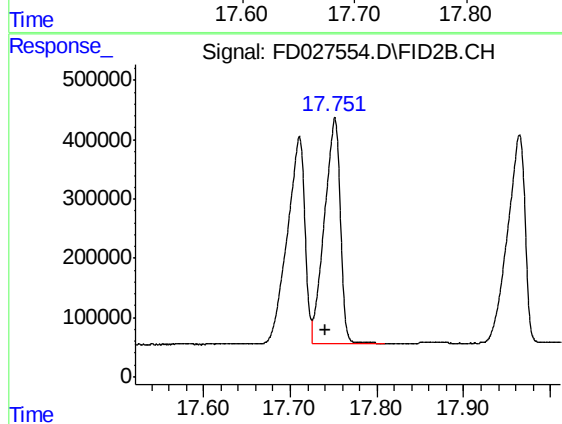
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.348 min
Delta R.T.: 0.009 min
Response: 4793014
Conc: 49.21 ug/ml



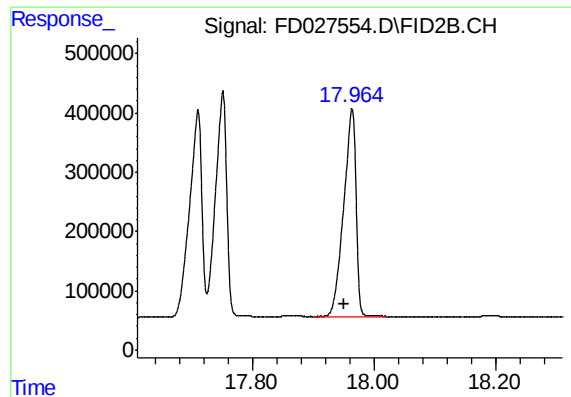
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.711 min
Delta R.T.: 0.012 min
Response: 4906965
Conc: 49.77 ug/ml



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

R.T.: 17.752 min
Delta R.T.: 0.012 min
Response: 4850988
Conc: 48.57 ug/ml



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

R.T.: 17.964 min
Delta R.T.: 0.014 min
Response: 4940074
Conc: 49.66 ug/ml

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