

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033021AR\
 Data File : FD036669.D
 Signal(s) : FID2B.CH
 Acq On : 31 Mar 2021 9:39
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 31 10:13:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.590	2956597	21.022 ug/ml
Spiked Amount 50.000		Recovery =	42.04%
6) S 2-Fluorobiphenyl (SURR)	8.449	1953451	20.810 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.62%
11) S ortho-Terphenyl (SURR)	11.490	3116537	20.405 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	3106501	21.193 ug/ml
2) T Naphthalene (C11.7)	5.927	3315867	21.098 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	3303238	21.018 ug/ml
5) T Acenaphthylene (C15.06)	8.253	3123705	20.847 ug/ml
7) T Acenaphthene (C15.5)	8.549	3245789	20.909 ug/ml
8) T Fluorene (C16.55)	9.328	3114764	20.688 ug/ml
9) T Phenanthrene (C19.36)	10.723	2951996	20.140 ug/ml
10) T Anthracene (C19.43)	10.797	2790936	19.279 ug/ml
12) T Fluoranthene (C21.85)	12.530	2787049	19.851 ug/ml
13) T Pyrene (C20.8)	12.827	2709403	19.748 ug/ml
14) T Benzo[a]anthracene (C...	14.695	2301455	19.379 ug/ml
15) T Chrysene (C27.41)	14.736	2380218	19.682 ug/ml
16) T benzo[b]fluoranthene ...	16.240	2167114	19.749 ug/ml
17) T Bnezo[k]fluoranthene ...	16.272	2116322	19.909 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.616	1985480	19.922 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.978	2086936	20.762 ug/ml
20) T Dibenz[a,h]anthracene...	18.018	2138748	21.211 ug/ml
21) T Benzo[g,h,i]perylene ...	18.232	2140782	21.129 ug/ml

(f)=RT Delta > 1/2 Window

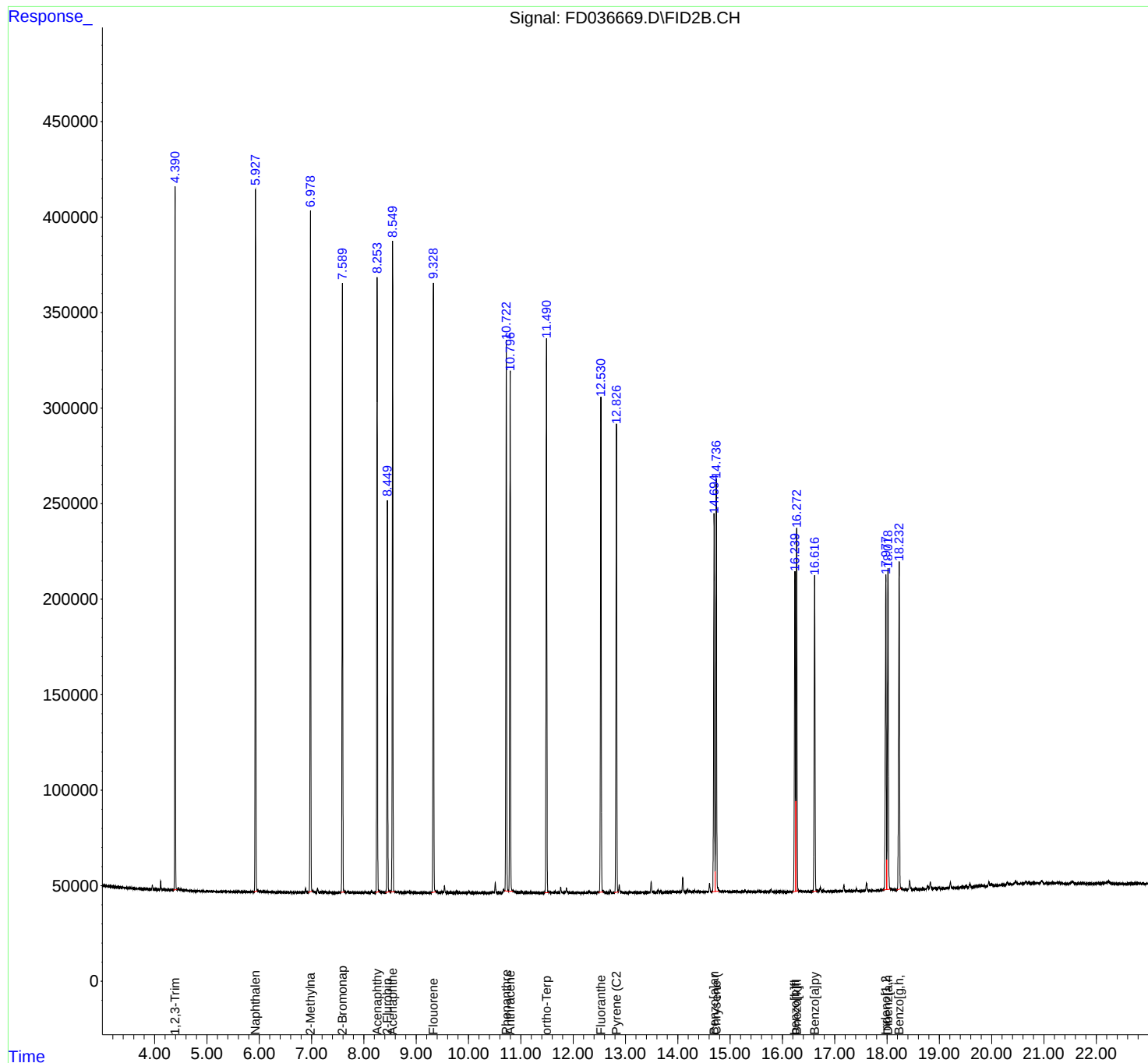
(m)=manual int.

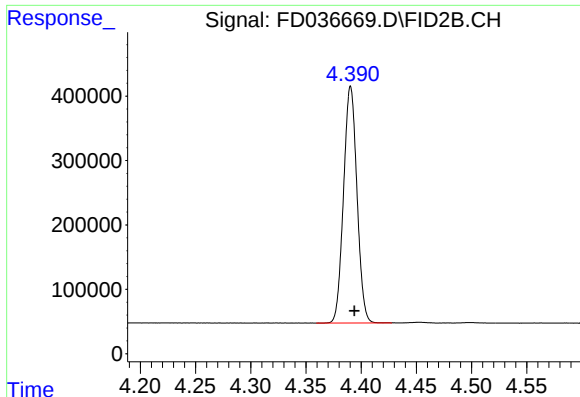
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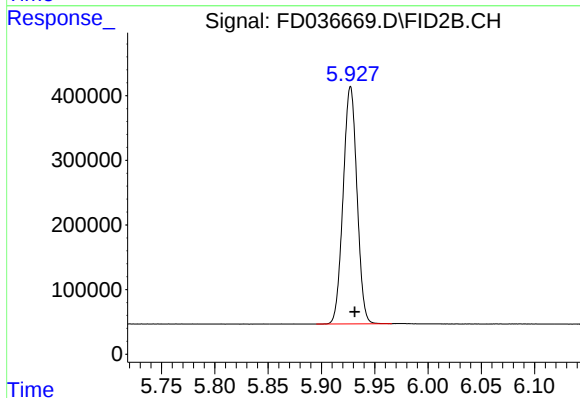




#1 1,2,3-Trimethylbenzene (C10.1)

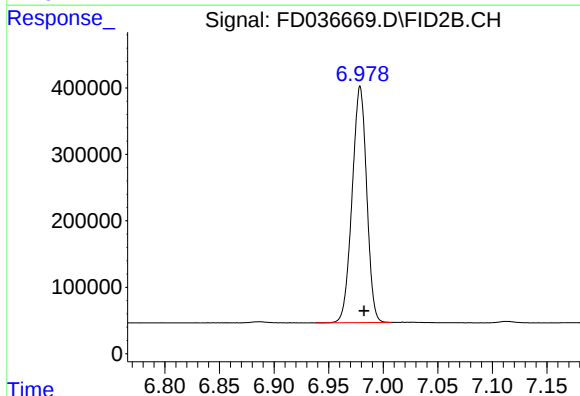
R.T.: 4.391 min
Delta R.T.: -0.003 min
Response: 3106501
Conc: 21.19 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



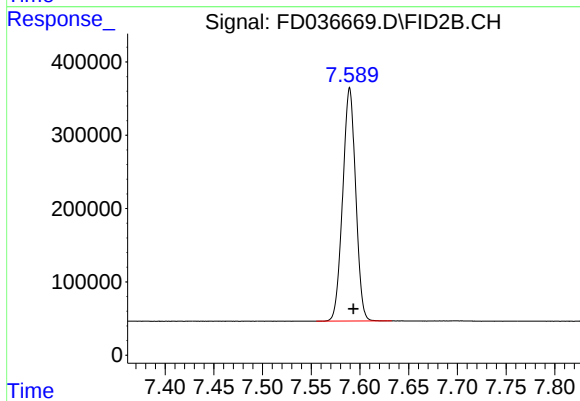
#2 Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: -0.004 min
Response: 3315867
Conc: 21.10 ug/ml



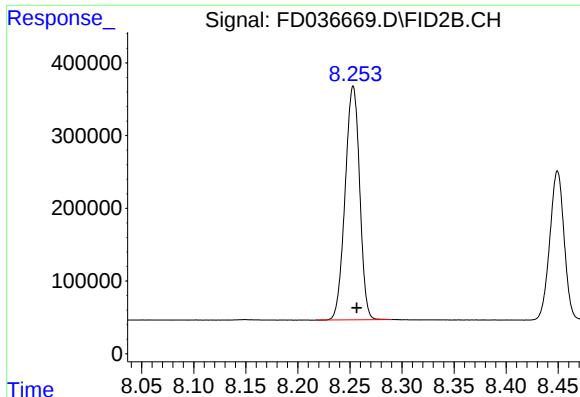
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 3303238
Conc: 21.02 ug/ml



#4 2-Bromonaphthalene (SURR)

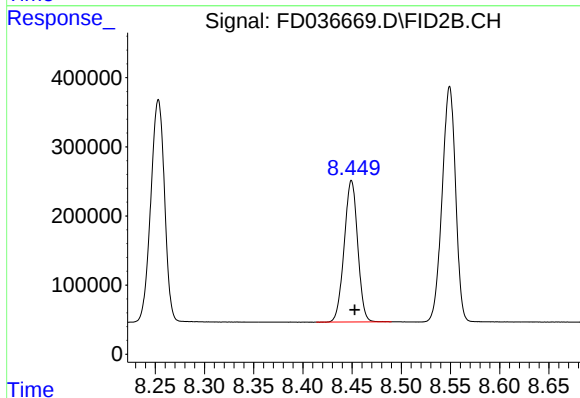
R.T.: 7.590 min
Delta R.T.: -0.004 min
Response: 2956597
Conc: 21.02 ug/ml



#5 Acenaphthylene (C15.06)

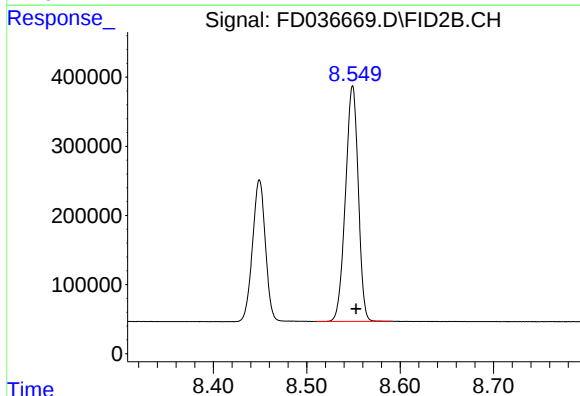
R.T.: 8.253 min
Delta R.T.: -0.003 min
Response: 3123705
Conc: 20.85 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



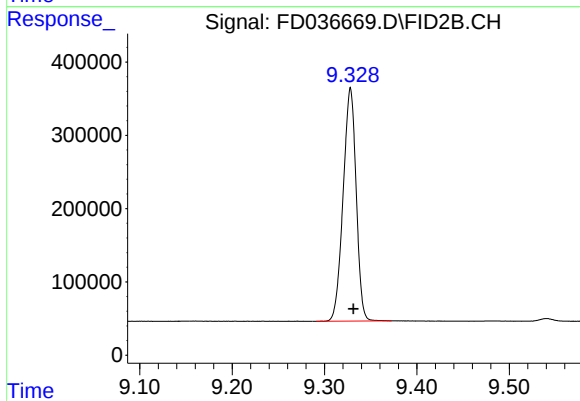
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.003 min
Response: 1953451
Conc: 20.81 ug/ml



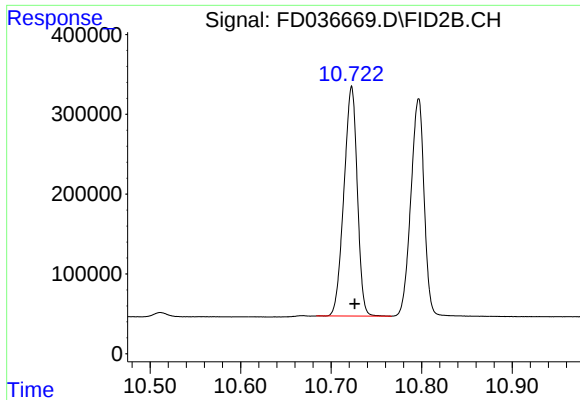
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: -0.004 min
Response: 3245789
Conc: 20.91 ug/ml



#8 Fluorene (C16.55)

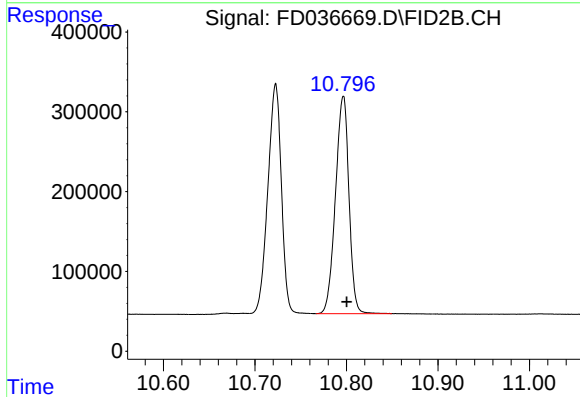
R.T.: 9.328 min
Delta R.T.: -0.003 min
Response: 3114764
Conc: 20.69 ug/ml



#9 Phenanthrene (C19.36)

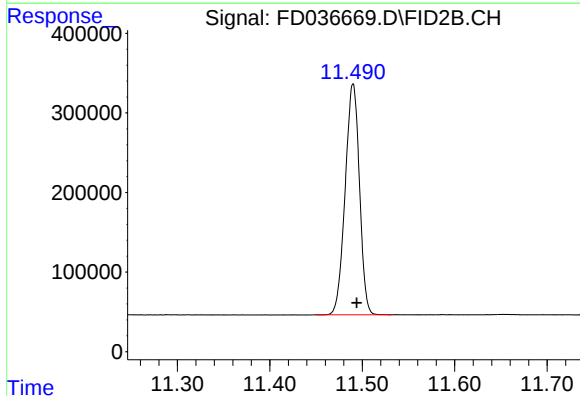
R.T.: 10.723 min
Delta R.T.: -0.003 min
Response: 2951996
Conc: 20.14 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



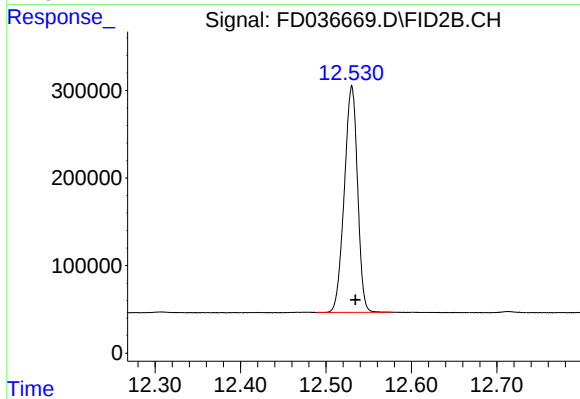
#10 Anthracene (C19.43)

R.T.: 10.797 min
Delta R.T.: -0.003 min
Response: 2790936
Conc: 19.28 ug/ml



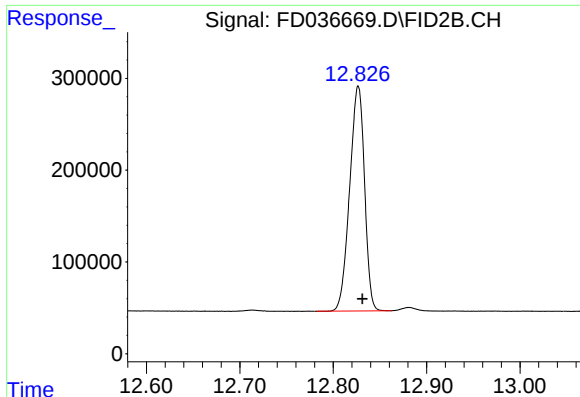
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.004 min
Response: 3116537
Conc: 20.41 ug/ml



#12 Fluoranthene (C21.85)

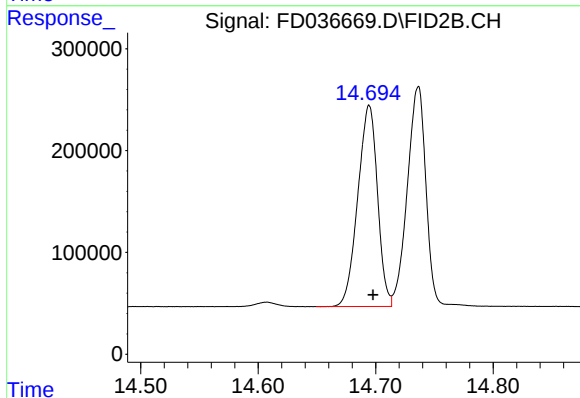
R.T.: 12.530 min
Delta R.T.: -0.004 min
Response: 2787049
Conc: 19.85 ug/ml



#13 Pyrene (C20.8)

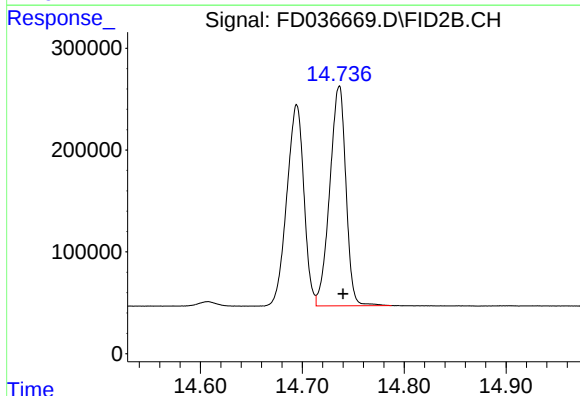
R.T.: 12.827 min
Delta R.T.: -0.004 min
Response: 2709403
Conc: 19.75 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



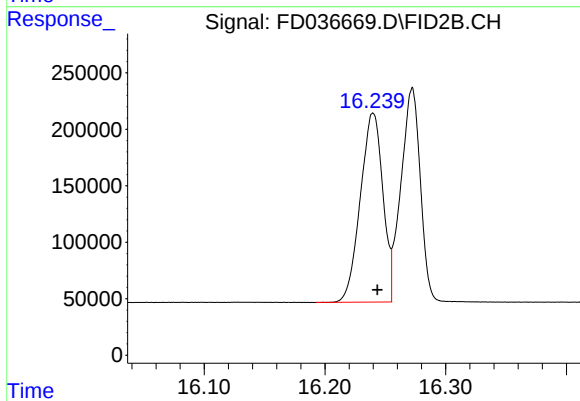
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.695 min
Delta R.T.: -0.003 min
Response: 2301455
Conc: 19.38 ug/ml



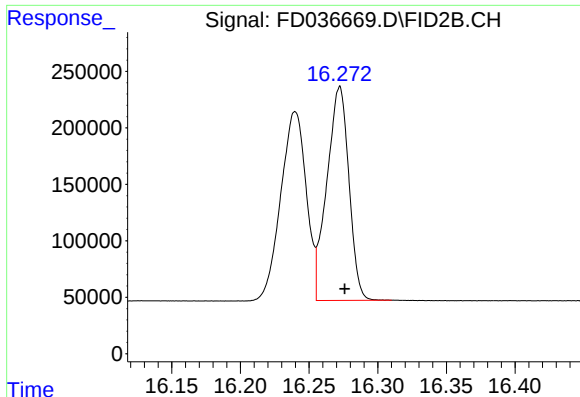
#15 Chrysene (C27.41)

R.T.: 14.736 min
Delta R.T.: -0.004 min
Response: 2380218
Conc: 19.68 ug/ml



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

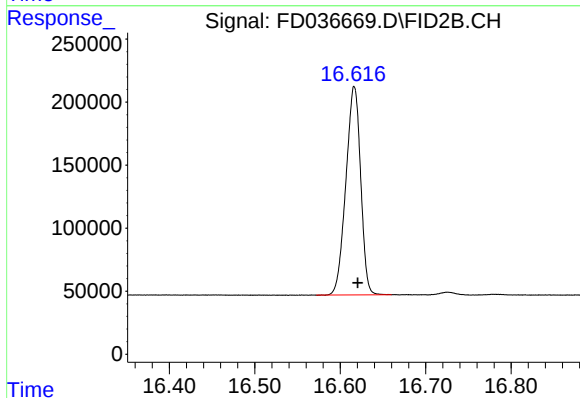
R.T.: 16.240 min
Delta R.T.: -0.004 min
Response: 2167114
Conc: 19.75 ug/ml



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

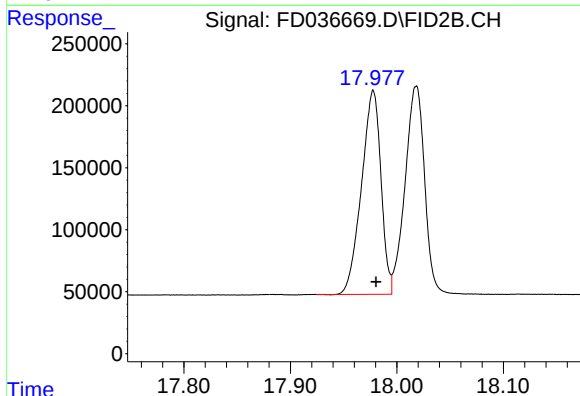
R.T.: 16.272 min
Delta R.T.: -0.004 min
Response: 2116322
Conc: 19.91 ug/ml

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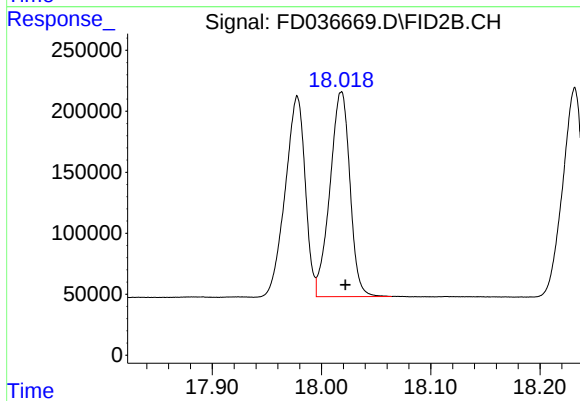
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.616 min
Delta R.T.: -0.004 min
Response: 1985480
Conc: 19.92 ug/ml



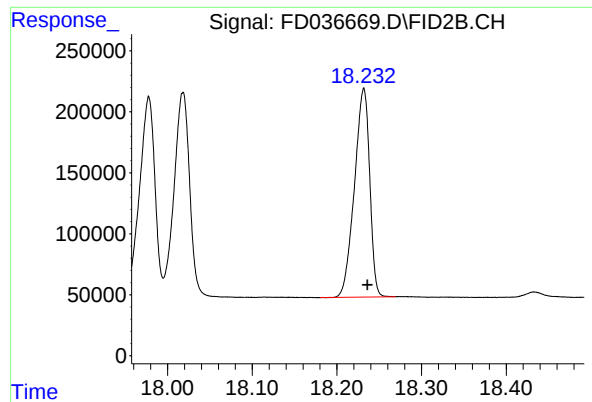
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.978 min
Delta R.T.: -0.003 min
Response: 2086936
Conc: 20.76 ug/ml



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

R.T.: 18.018 min
Delta R.T.: -0.004 min
Response: 2138748
Conc: 21.21 ug/ml



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

R.T.: 18.232 min
Delta R.T.: -0.004 min
Response: 2140782
Conc: 21.13 ug/ml

Instrument :
FID_D
ClientSampleId :
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