

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033021AR\
 Data File : FD036642.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2021 11:55
 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 30 13:20:28 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...	7.588	2771444	19.706 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
6) S 2-Fluorobiphenyl (SURR)	8.448	1828465	19.479 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.96%
11) S ortho-Terphenyl (SURR)	11.489	2937961	19.236 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390	2945639	20.095 ug/ml
2) T Naphthalene (C11.7)	5.926	3121888	19.864 ug/ml
3) T 2-Methylnaphthalene (...)	6.978	3101774	19.736 ug/ml
5) T Acenaphthylene (C15.06)	8.252	2933134	19.575 ug/ml
7) T Acenaphthene (C15.5)	8.547	3047579	19.632 ug/ml
8) T Fluorene (C16.55)	9.327	2918794	19.386 ug/ml
9) T Phenanthrene (C19.36)	10.721	2805248	19.139 ug/ml
10) T Anthracene (C19.43)	10.794	2634720	18.200 ug/ml
12) T Fluoranthene (C21.85)	12.529	2640661	18.809 ug/ml
13) T Pyrene (C20.8)	12.824	2574523	18.764 ug/ml
14) T Benzo[a]anthracene (C...	14.692	2181150	18.366 ug/ml
15) T Chrysene (C27.41)	14.734	2235434	18.485 ug/ml
16) T benzo[b]fluoranthene ...	16.237	2049998	18.682 ug/ml
17) T Bnezo[k]fluoranthene ...	16.269	1993158	18.751 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.613	1873485	18.798 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.974	1953985	19.439 ug/ml
20) T Dibenz[a,h]anthracene...	18.015	1977178	19.608 ug/ml
21) T Benzo[g,h,i]perylene ...	18.229	2009073	19.829 ug/ml

(f)=RT Delta > 1/2 Window

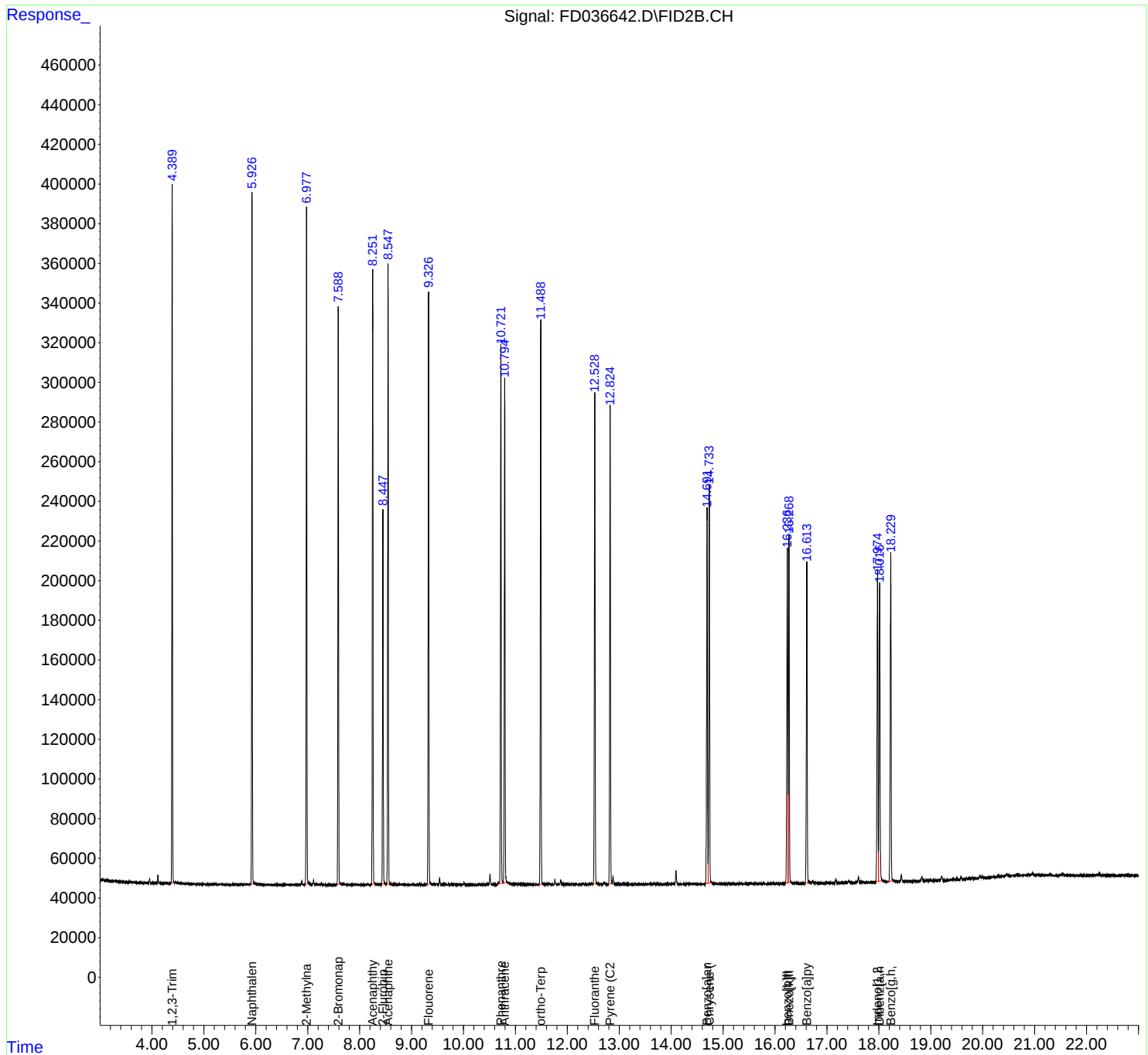
(m)=manual int.

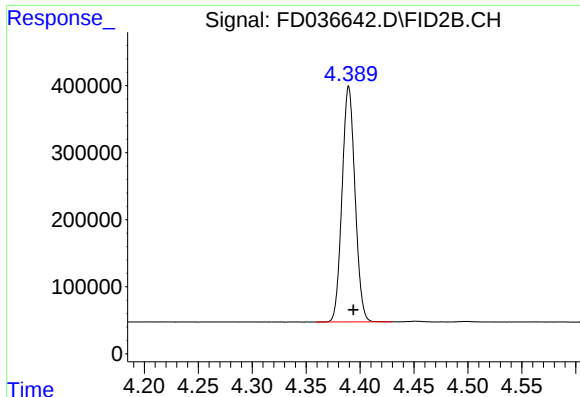
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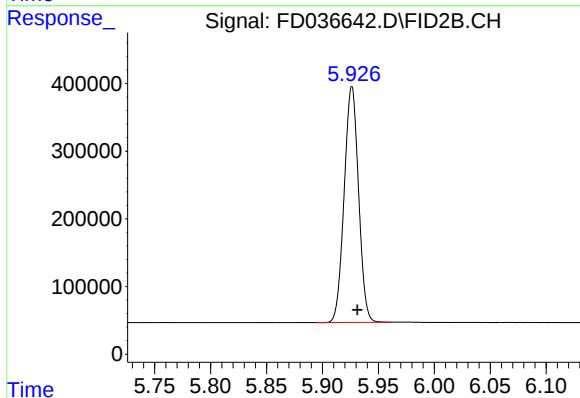




#1 1,2,3-Trimethylbenzene (C10.1)

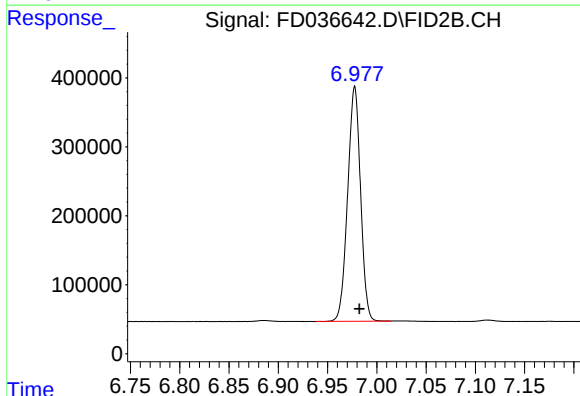
R.T.: 4.390 min
Delta R.T.: -0.004 min
Response: 2945639
Conc: 20.10 ug/ml

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20 PPM AROMATIC HC STD



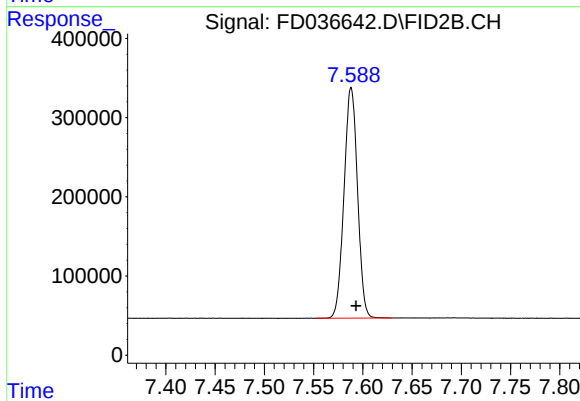
#2 Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.005 min
Response: 3121888
Conc: 19.86 ug/ml



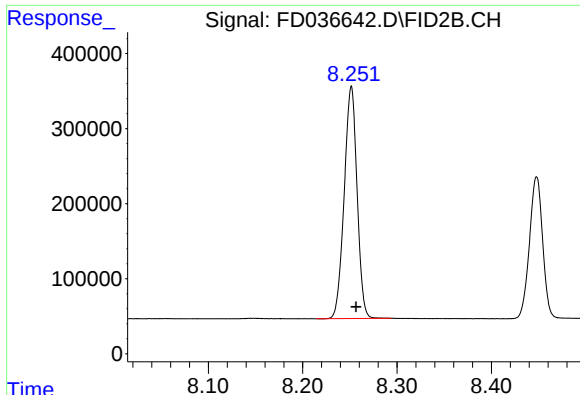
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.005 min
Response: 3101774
Conc: 19.74 ug/ml



#4 2-Bromonaphthalene (SURR)

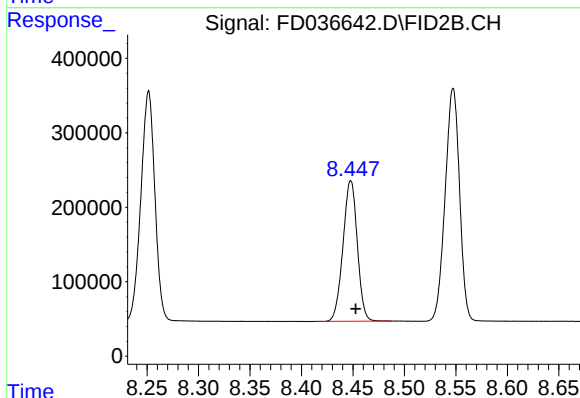
R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 2771444
Conc: 19.71 ug/ml



#5 Acenaphthylene (C15.06)

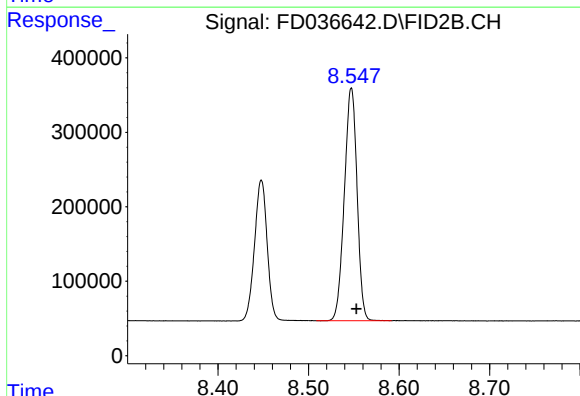
R.T.: 8.252 min
Delta R.T.: -0.005 min
Response: 2933134
Conc: 19.58 ug/ml

Instrument :
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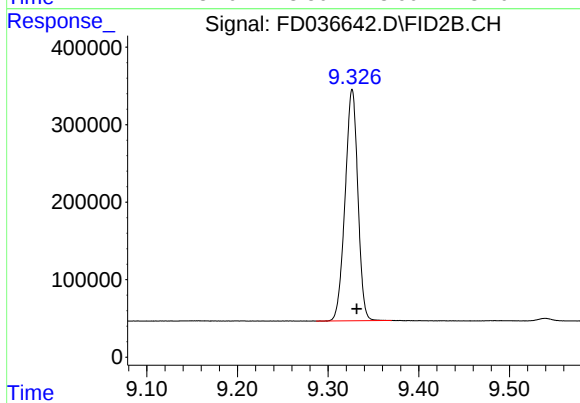
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: -0.005 min
Response: 1828465
Conc: 19.48 ug/ml



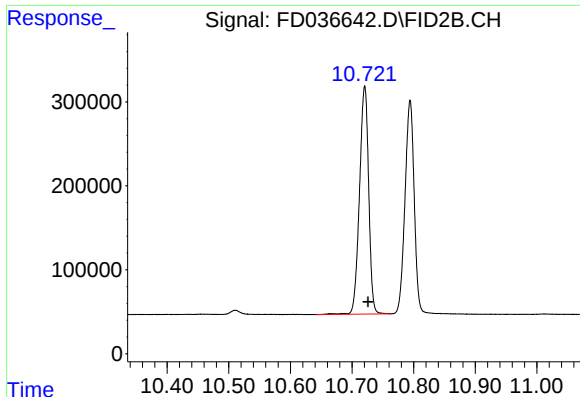
#7 Acenaphthene (C15.5)

R.T.: 8.547 min
Delta R.T.: -0.005 min
Response: 3047579
Conc: 19.63 ug/ml



#8 Fluorene (C16.55)

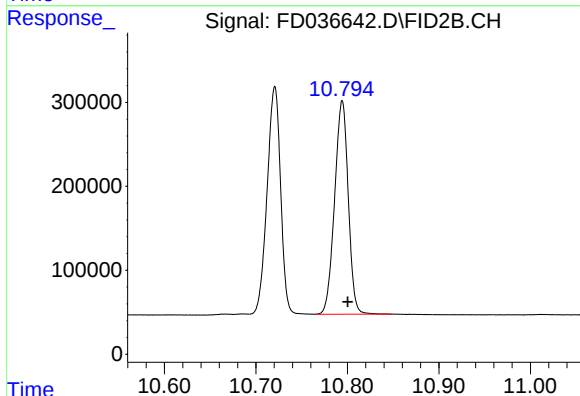
R.T.: 9.327 min
Delta R.T.: -0.005 min
Response: 2918794
Conc: 19.39 ug/ml



#9 Phenanthrene (C19.36)

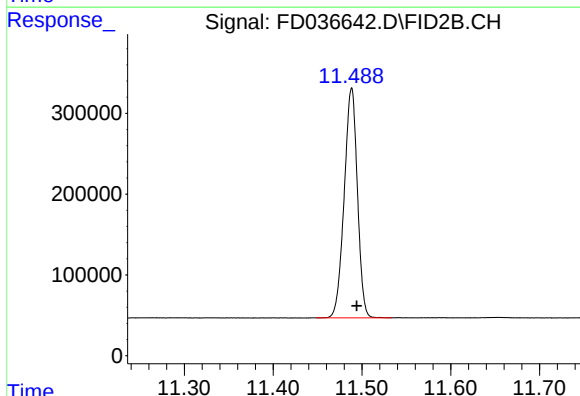
R.T.: 10.721 min
Delta R.T.: -0.005 min
Response: 2805248
Conc: 19.14 ug/ml

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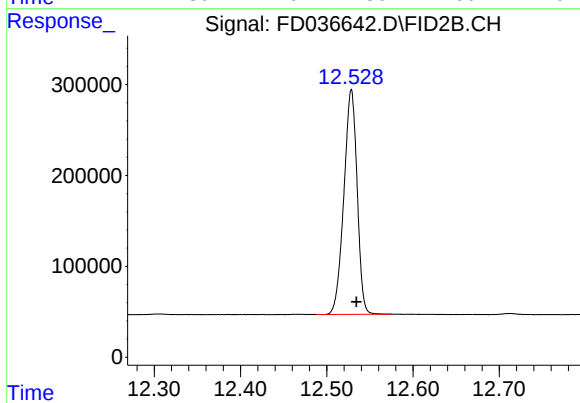
#10 Anthracene (C19.43)

R.T.: 10.794 min
Delta R.T.: -0.006 min
Response: 2634720
Conc: 18.20 ug/ml



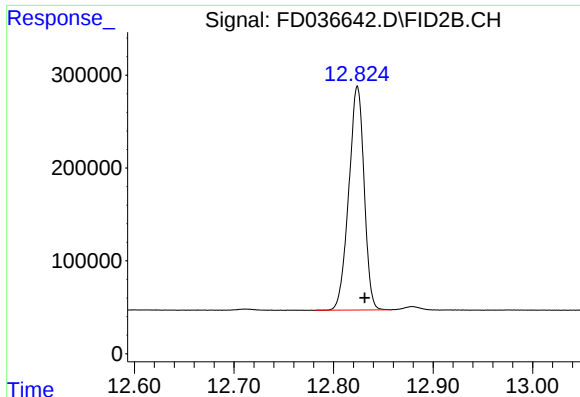
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.005 min
Response: 2937961
Conc: 19.24 ug/ml



#12 Fluoranthene (C21.85)

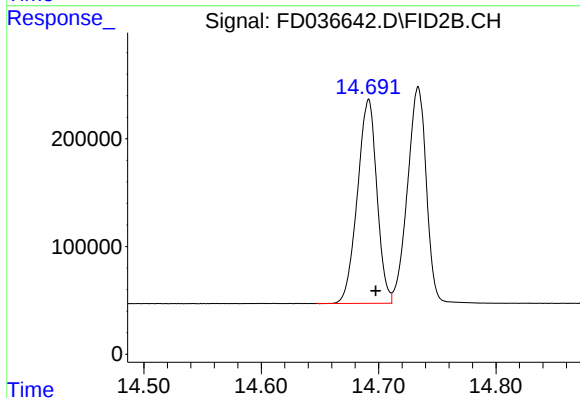
R.T.: 12.529 min
Delta R.T.: -0.006 min
Response: 2640661
Conc: 18.81 ug/ml



#13 Pyrene (C20.8)

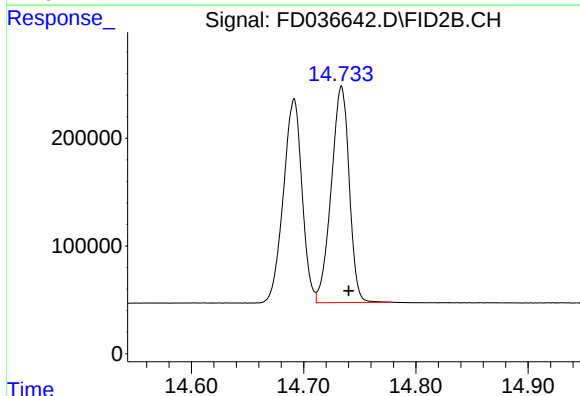
R.T.: 12.824 min
Delta R.T.: -0.007 min
Response: 2574523
Conc: 18.76 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



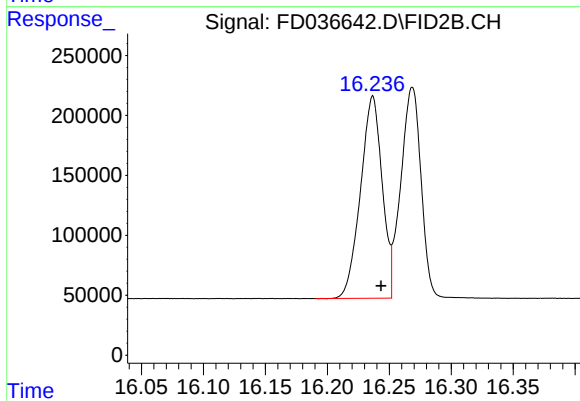
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.692 min
Delta R.T.: -0.006 min
Response: 2181150
Conc: 18.37 ug/ml



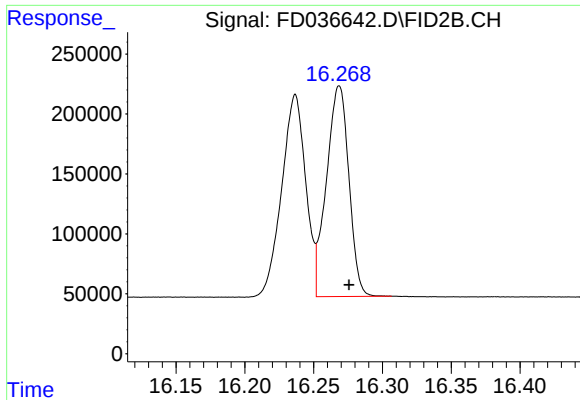
#15 Chrysene (C27.41)

R.T.: 14.734 min
Delta R.T.: -0.006 min
Response: 2235434
Conc: 18.48 ug/ml



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

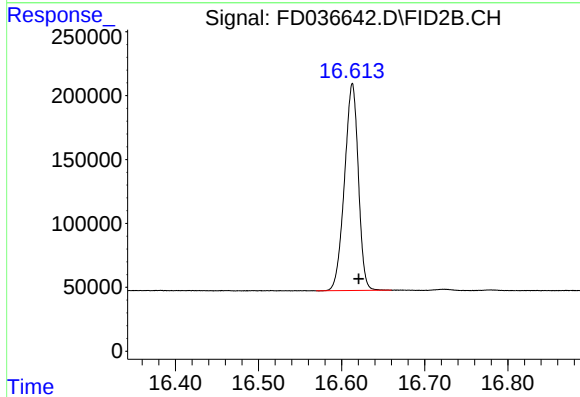
R.T.: 16.237 min
Delta R.T.: -0.007 min
Response: 2049998
Conc: 18.68 ug/ml



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

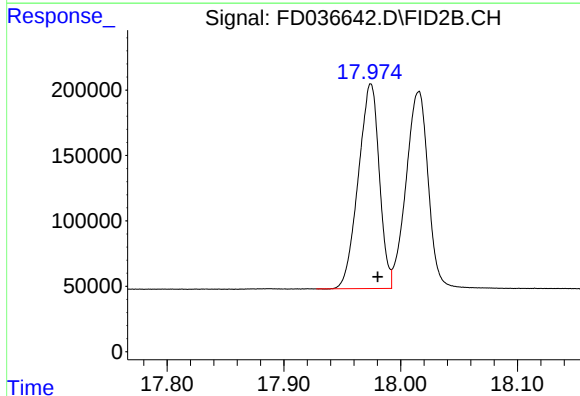
R.T.: 16.269 min
Delta R.T.: -0.007 min
Response: 1993158
Conc: 18.75 ug/ml

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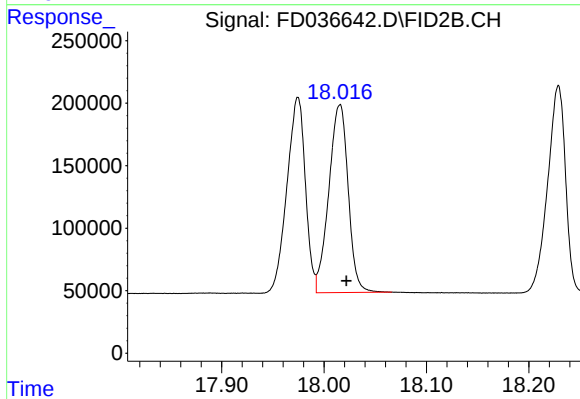
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.613 min
Delta R.T.: -0.008 min
Response: 1873485
Conc: 18.80 ug/ml



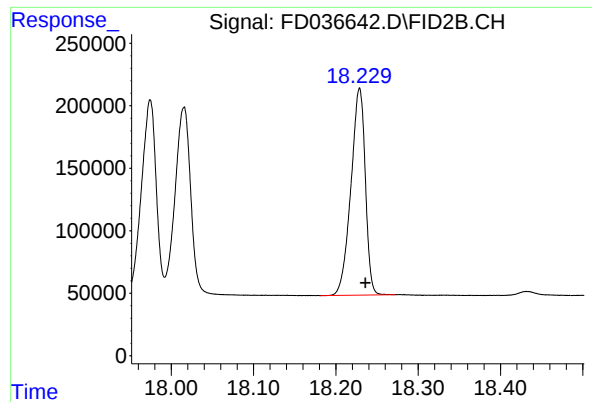
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.974 min
Delta R.T.: -0.006 min
Response: 1953985
Conc: 19.44 ug/ml



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

R.T.: 18.015 min
Delta R.T.: -0.006 min
Response: 1977178
Conc: 19.61 ug/ml



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

R.T.: 18.229 min
Delta R.T.: -0.007 min
Response: 2009073
Conc: 19.83 ug/ml

Instrument :
FID_D
ClientSampleId :
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