

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031921AR\
 Data File : FD036431.D
 Signal(s) : FID2B.CH
 Acq On : 19 Mar 2021 14:28
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC CH STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC CH STD

Integration File: autoint1.e
 Quant Time: Mar 20 00:23:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.596	2416514	20.501 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
6) S 2-Fluorobiphenyl (SURR)	8.457	1683738	20.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.46%
11) S ortho-Terphenyl (SURR)	11.497	2795833	19.845 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.397	2615454	20.861 ug/ml
2) T Naphthalene (C11.7)	5.935	2809627	20.734 ug/ml
3) T 2-Methylnaphthalene (...)	6.986	2813771	20.606 ug/ml
5) T Acenaphthylene (C15.06)	8.260	2708961	20.135 ug/ml
7) T Acenaphthene (C15.5)	8.556	2818970	20.366 ug/ml
8) T Fluorene (C16.55)	9.335	2747282	20.131 ug/ml
9) T Phenanthrene (C19.36)	10.730	2711828	19.683 ug/ml
10) T Anthracene (C19.43)	10.804	2418466	18.014 ug/ml
12) T Fluoranthene (C21.85)	12.538	2723184	19.609 ug/ml
13) T Pyrene (C20.8)	12.835	2685832	19.591 ug/ml
14) T Benzo[a]anthracene (C...	14.702	2450090	19.371 ug/ml
15) T Chrysene (C27.41)	14.745	2551366	19.702 ug/ml
16) T benzo[b]fluoranthene ...	16.249	2433794	19.998 ug/ml
17) T Bnezo[k]fluoranthene ...	16.281	2373496	20.156 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.625	2220181	20.133 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.987	2315315	20.926 ug/ml
20) T Dibenz[a,h]anthracene...	18.028	2355813	21.288 ug/ml
21) T Benzo[g,h,i]perylene ...	18.242	2345548	21.213 ug/ml

(f)=RT Delta > 1/2 Window

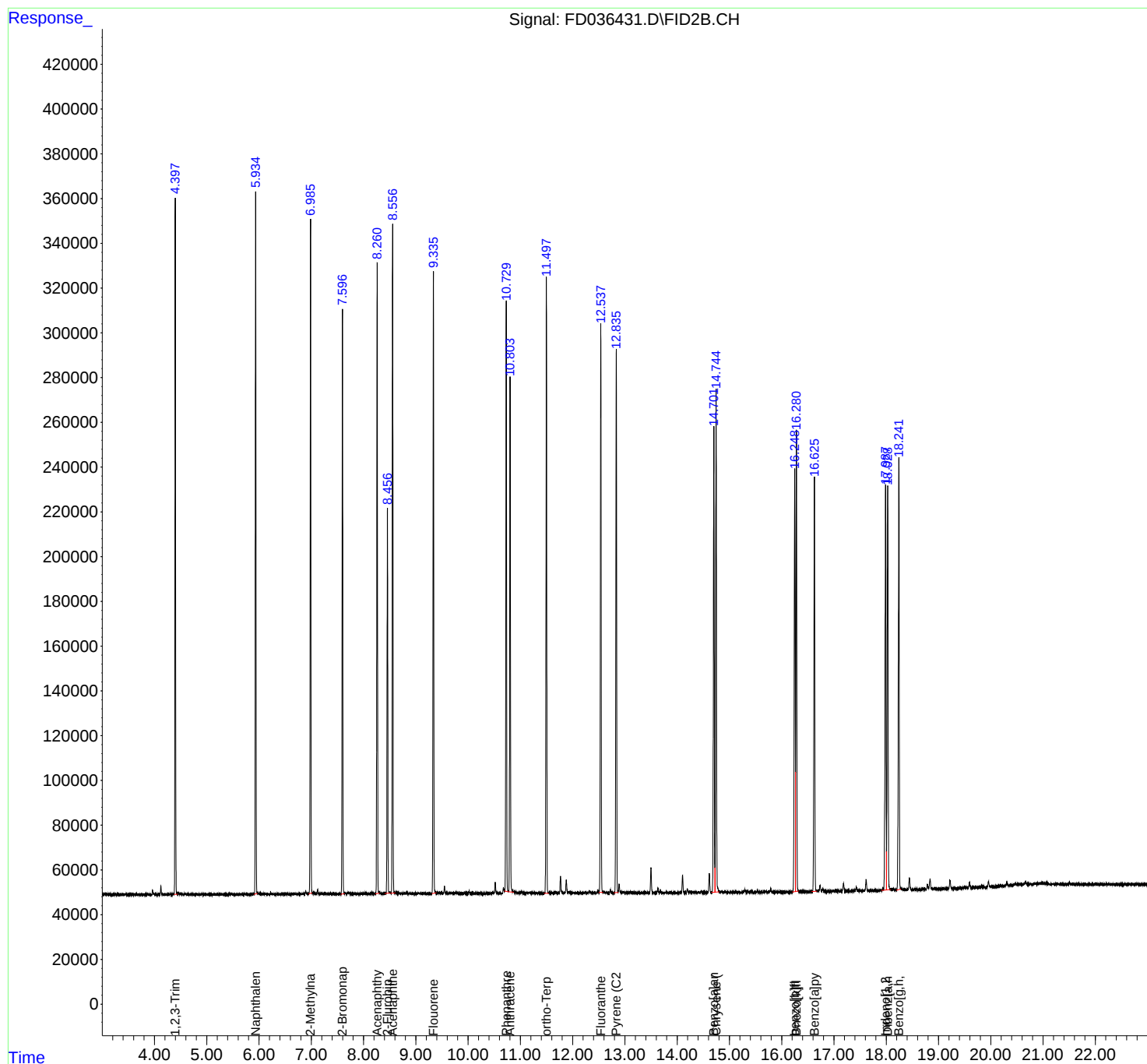
(m)=manual int.

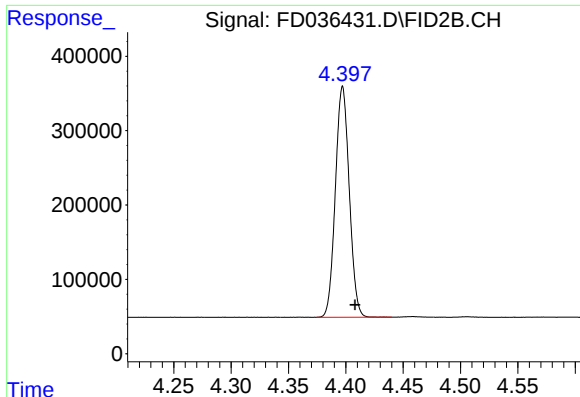
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031921AR\
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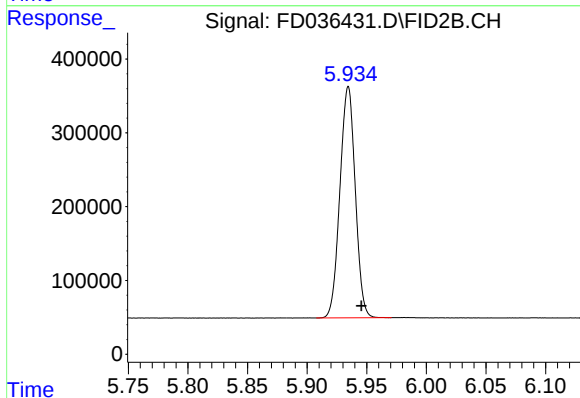




#1 1,2,3-Trimethylbenzene (C10.1)

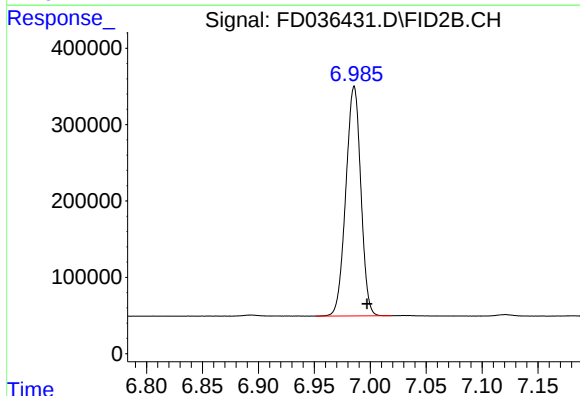
R.T.: 4.397 min
Delta R.T.: -0.011 min
Response: 2615454
Conc: 20.86 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC CH STD



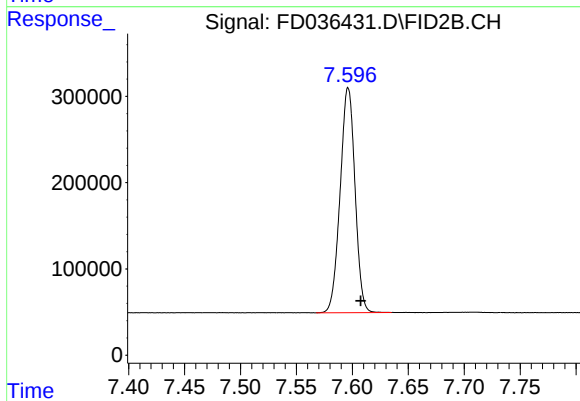
#2 Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.011 min
Response: 2809627
Conc: 20.73 ug/ml



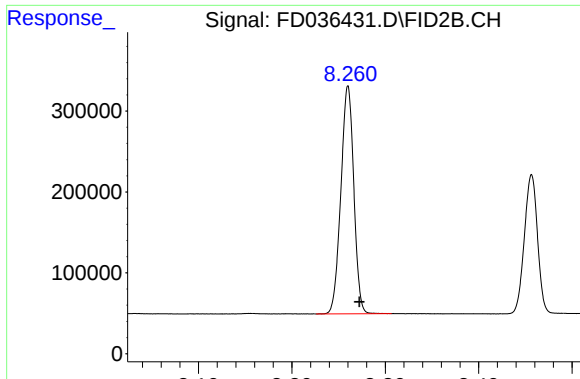
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: -0.011 min
Response: 2813771
Conc: 20.61 ug/ml



#4 2-Bromonaphthalene (SURR)

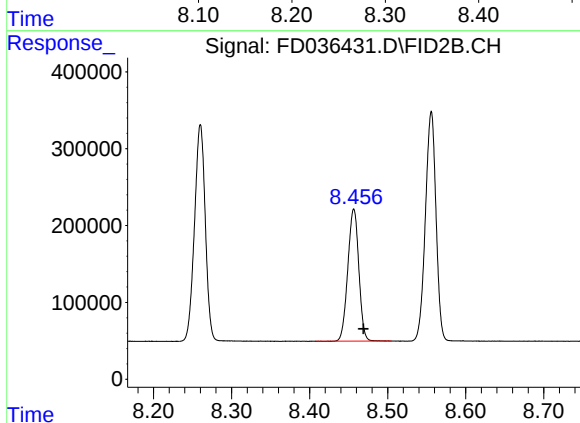
R.T.: 7.596 min
Delta R.T.: -0.011 min
Response: 2416514
Conc: 20.50 ug/ml



#5 Acenaphthylene (C15.06)

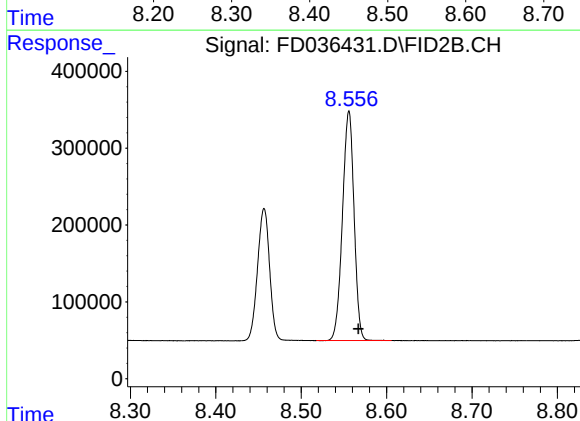
R.T.: 8.260 min
Delta R.T.: -0.012 min
Response: 2708961
Conc: 20.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC CH STD



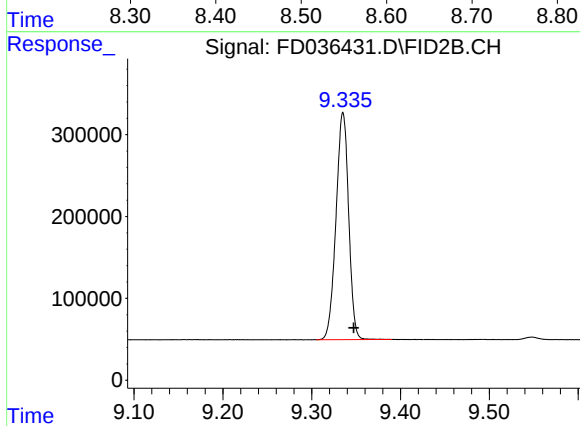
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.457 min
Delta R.T.: -0.012 min
Response: 1683738
Conc: 20.23 ug/ml



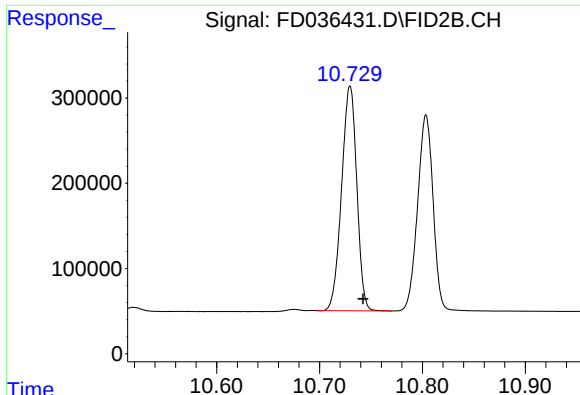
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: -0.011 min
Response: 2818970
Conc: 20.37 ug/ml



#8 Flouorene (C16.55)

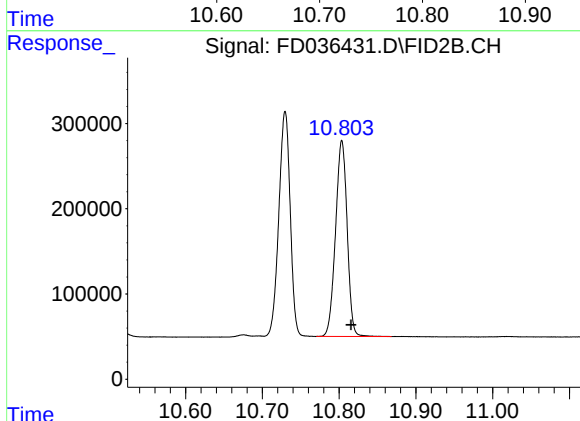
R.T.: 9.335 min
Delta R.T.: -0.012 min
Response: 2747282
Conc: 20.13 ug/ml



#9 Phenanthrene (C19.36)

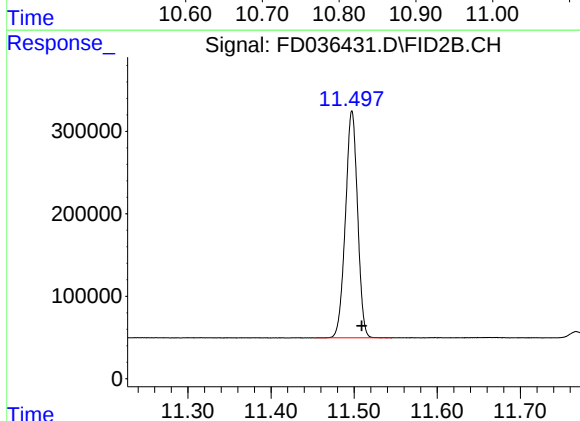
R.T.: 10.730 min
Delta R.T.: -0.013 min
Response: 2711828
Conc: 19.68 ug/ml

Instrument :
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20 PPM AROMATIC CH STD



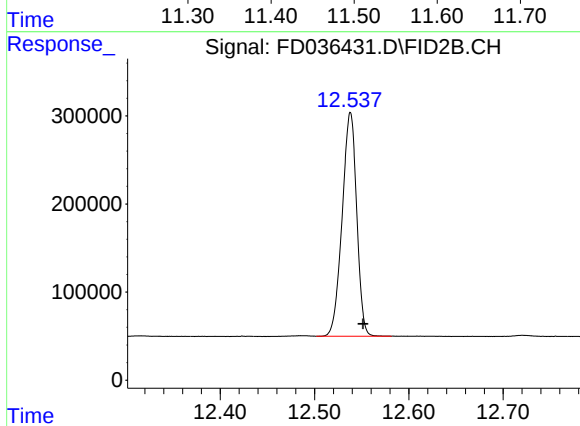
#10 Anthracene (C19.43)

R.T.: 10.804 min
Delta R.T.: -0.012 min
Response: 2418466
Conc: 18.01 ug/ml



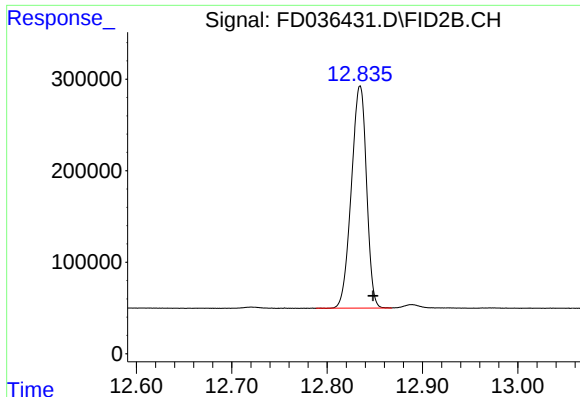
#11 ortho-Terphenyl (SURR)

R.T.: 11.497 min
Delta R.T.: -0.012 min
Response: 2795833
Conc: 19.84 ug/ml



#12 Fluoranthene (C21.85)

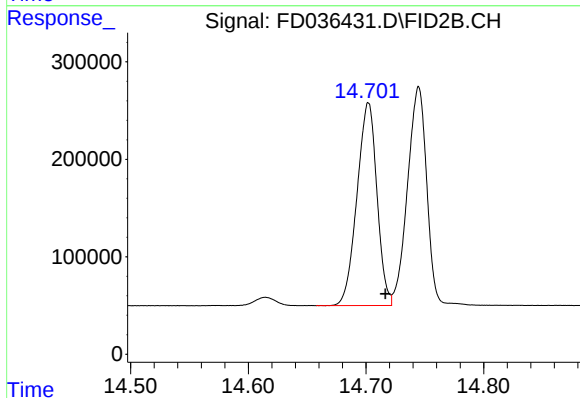
R.T.: 12.538 min
Delta R.T.: -0.013 min
Response: 2723184
Conc: 19.61 ug/ml



#13 Pyrene (C20.8)

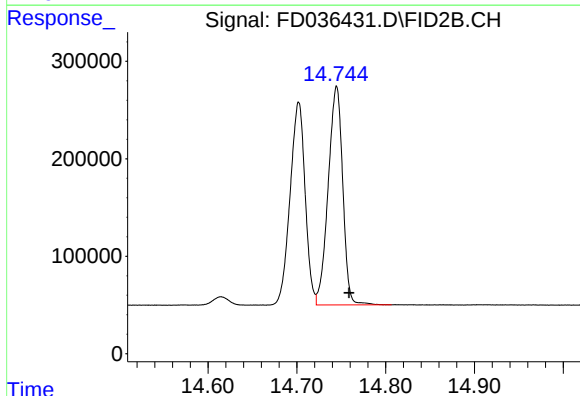
R.T.: 12.835 min
Delta R.T.: -0.014 min
Response: 2685832
Conc: 19.59 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC CH STD



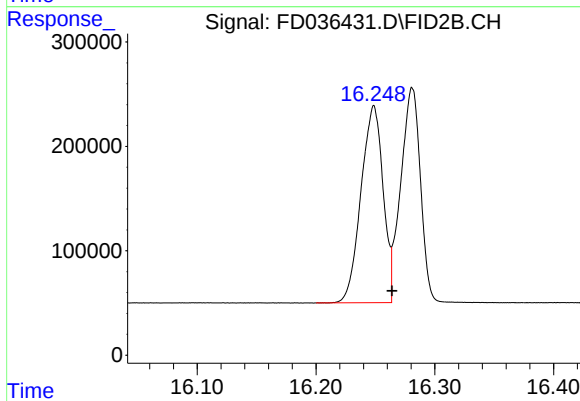
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.702 min
Delta R.T.: -0.015 min
Response: 2450090
Conc: 19.37 ug/ml



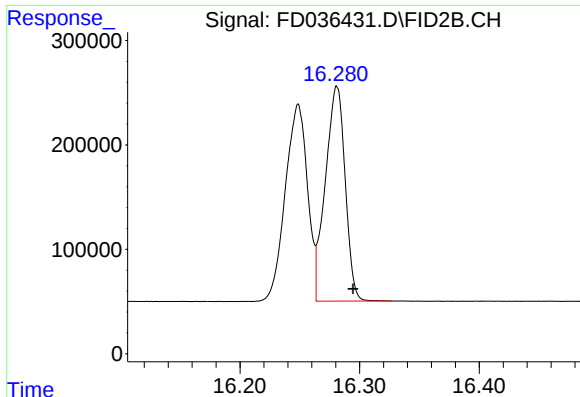
#15 Chrysene (C27.41)

R.T.: 14.745 min
Delta R.T.: -0.014 min
Response: 2551366
Conc: 19.70 ug/ml



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

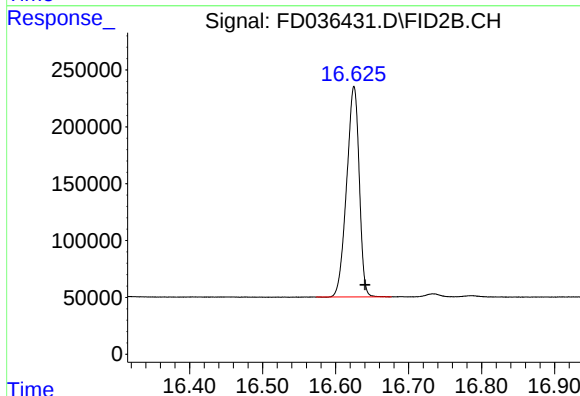
R.T.: 16.249 min
Delta R.T.: -0.015 min
Response: 2433794
Conc: 20.00 ug/ml



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

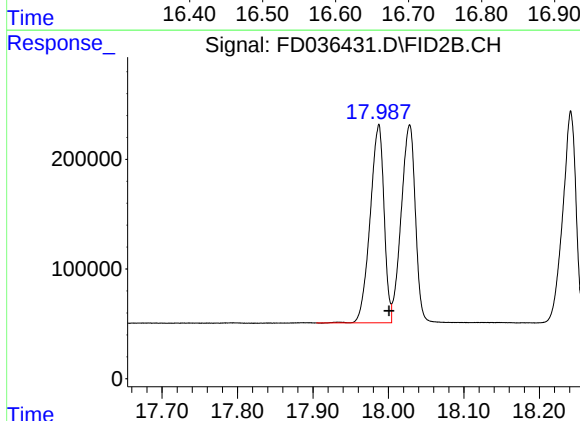
R.T.: 16.281 min
Delta R.T.: -0.013 min
Response: 2373496
Conc: 20.16 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC CH STD



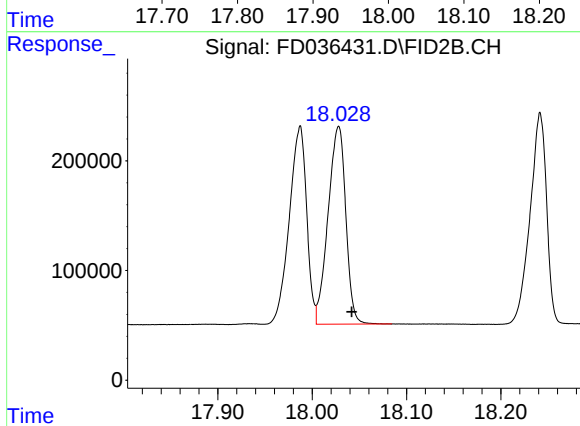
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.625 min
Delta R.T.: -0.015 min
Response: 2220181
Conc: 20.13 ug/ml



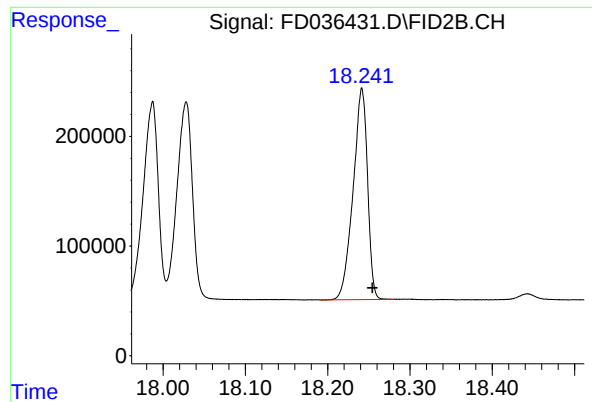
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.987 min
Delta R.T.: -0.014 min
Response: 2315315
Conc: 20.93 ug/ml



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

R.T.: 18.028 min
Delta R.T.: -0.014 min
Response: 2355813
Conc: 21.29 ug/ml



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

R.T.: 18.242 min
Delta R.T.: -0.013 min
Response: 2345548
Conc: 21.21 ug/ml

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