



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Lab Sample ID:	10 PPM AROMATIC HC	Acq On:	21 Apr 2023 18:17
Client Sample ID:		Operator:	YP/AJ
Data file:	FD045521.D	Misc:	
Instrument:	FID_D	ALS Vial:	59
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.254	5.986	3646410.000	20.000	ug/ml
Aromatic C12-C16	5.987	8.601	5151177.000	30.000	ug/ml
Aromatic C16-C21	8.602	12.867	6149575.000	40.000	ug/ml
Aromatic C21-C36	12.868	18.256	12730965.000	90.000	ug/ml
Aromatic EPH	4.254	18.256	27678127.000	180.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042123AR\
 Data File : FD045521.D
 Signal(s) : FID2B.ch
 Acq On : 21 Apr 2023 18:17
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Apr 22 03:40:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 22 03:40:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.545	1539161	10.738 ug/ml
Spiked Amount 50.000		Recovery =	21.48%
6) S 2-Fluorobiphenyl (SURR)	8.400	980942	10.552 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.10%
11) S ortho-Terphenyl (SURR)	11.438	1909582	10.789 ug/ml
Spiked Amount 50.000		Recovery =	21.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	1809898	10.977 ug/ml
2) T Naphthalene (C11.7)	5.885	1836512	10.863 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	1815150	10.825 ug/ml
5) T Acenaphthylene (C15.06)	8.204	1612971	10.741 ug/ml
7) T Acenaphthene (C15.5)	8.499	1723056	10.708 ug/ml
8) T Fluorene (C16.55)	9.277	1623008	10.572 ug/ml
9) T Phenanthrene (C19.36)	10.667	1588301	10.705 ug/ml
10) T Anthracene (C19.43)	10.740	1414315	11.169 ug/ml
12) T Fluoranthene (C21.85)	12.470	1553772	10.678 ug/ml
13) T Pyrene (C20.8)	12.765	1523951	10.708 ug/ml
14) T Benzo[a]anthracene (C...	14.628	1393017	10.717 ug/ml
15) T Chrysene (C27.41)	14.670	1446619	10.697 ug/ml
16) T benzo[b]fluoranthene ...	16.168	1410290	10.622 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	1419091	10.769 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	1361838	10.720 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.899	1286359	10.639 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	1459406	11.562 ug/ml
21) T Benzo[g,h,i]perylene ...	18.151	1400573	10.909 ug/ml

(f)=RT Delta > 1/2 Window

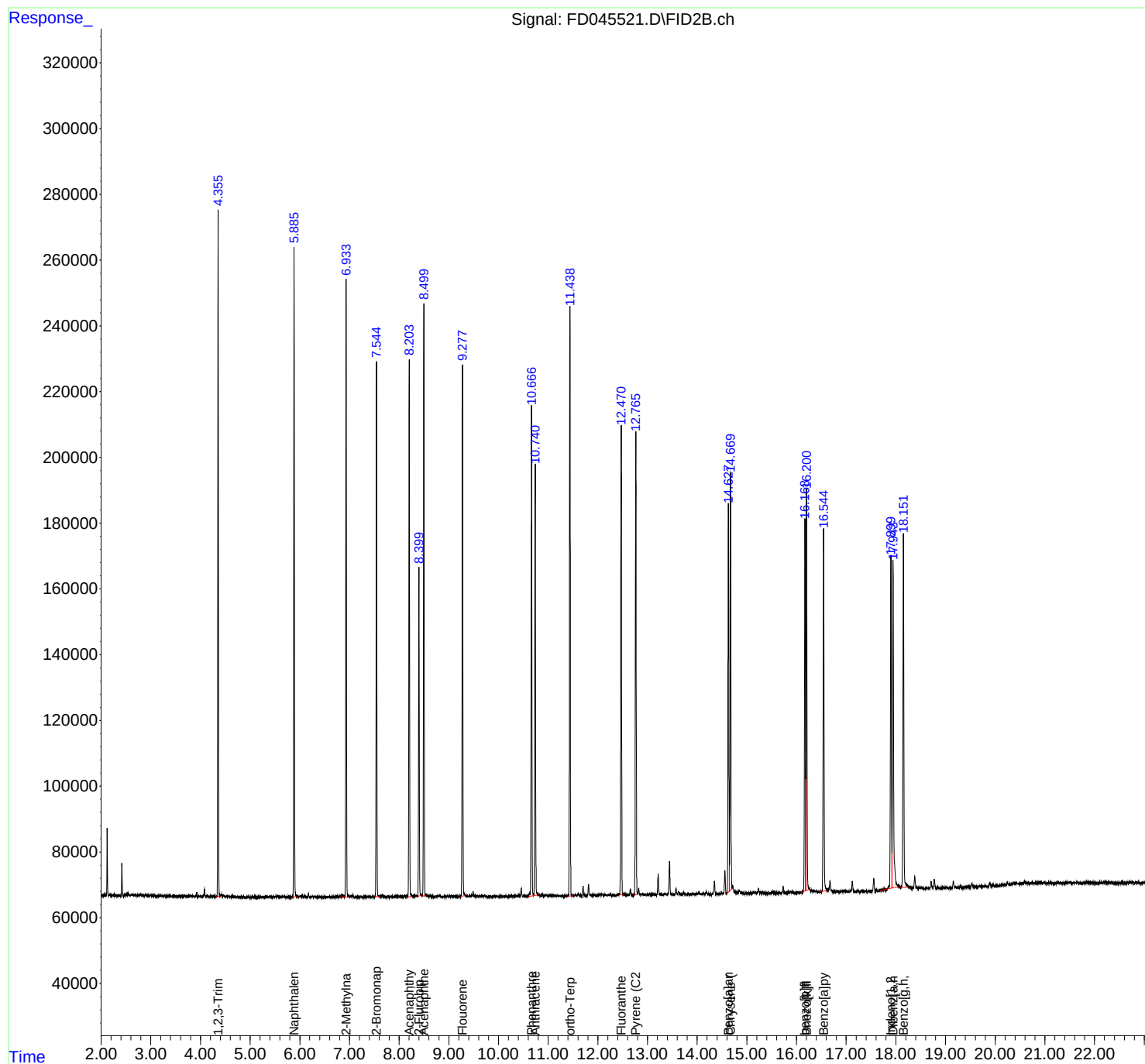
(m)=manual int.

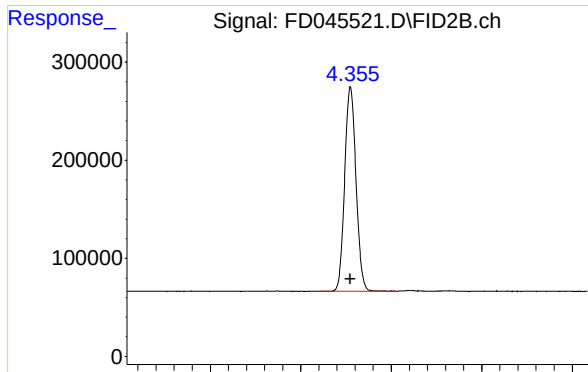
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042123AR\
Data File : FD045521.D
Signal(s) : FID2B.ch
Acq On : 21 Apr 2023 18:17
Operator : YP/AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
Quant Title : GC Extractables
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

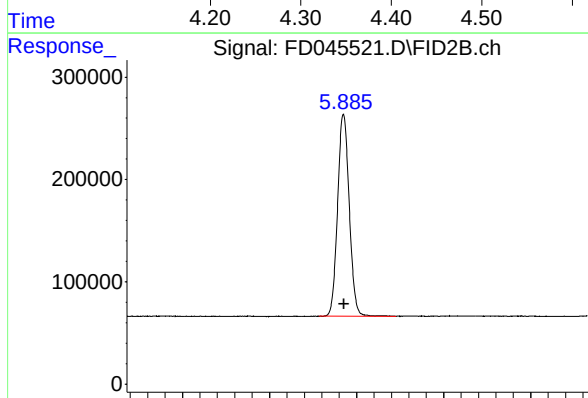




#1 1,2,3-Trimethylbenzene (C10.1)

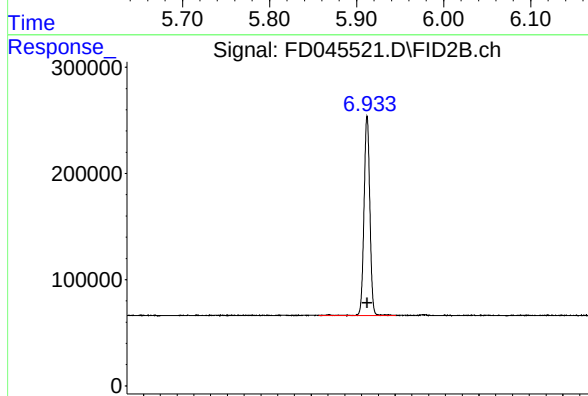
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 1809898
Conc: 10.98 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



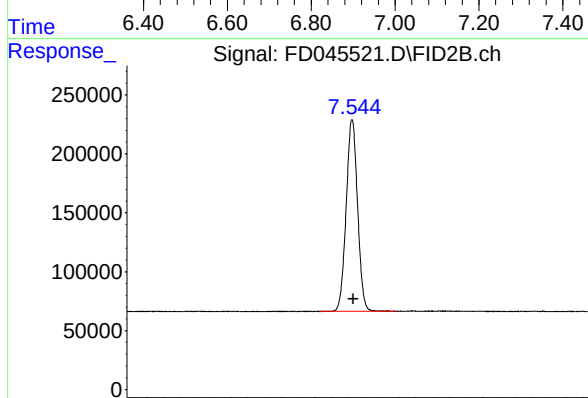
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 1836512
Conc: 10.86 ug/ml



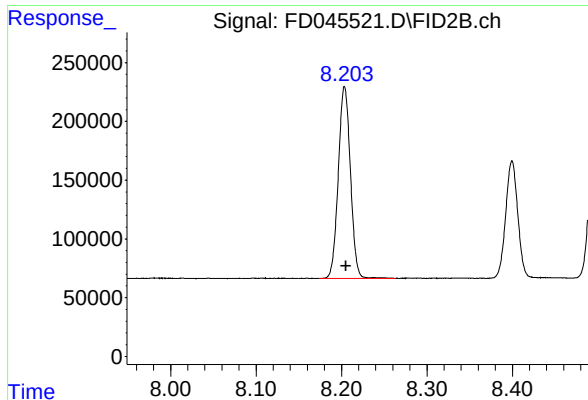
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: -0.001 min
Response: 1815150
Conc: 10.82 ug/ml



#4 2-Bromonaphthalene (SURR)

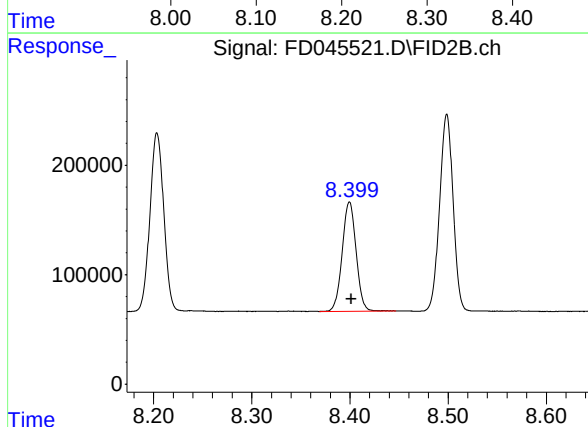
R.T.: 7.545 min
Delta R.T.: -0.001 min
Response: 1539161
Conc: 10.74 ug/ml



#5 Acenaphthylene (C15.06)

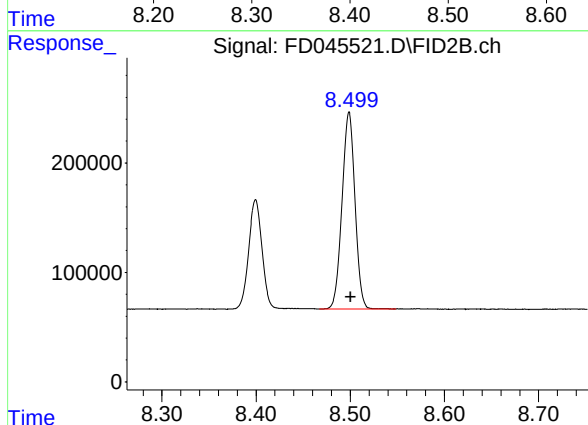
R.T.: 8.204 min
Delta R.T.: -0.002 min
Response: 1612971
Conc: 10.74 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



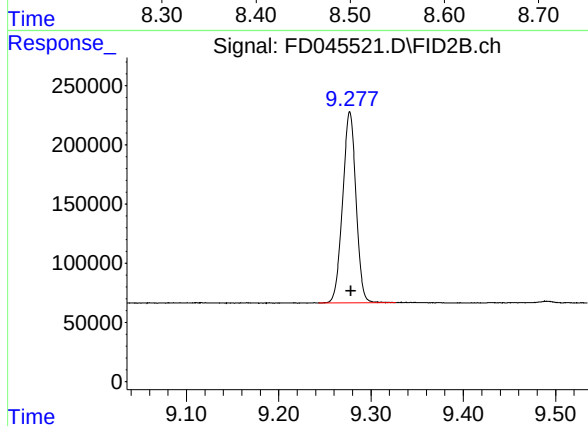
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: -0.002 min
Response: 980942
Conc: 10.55 ug/ml



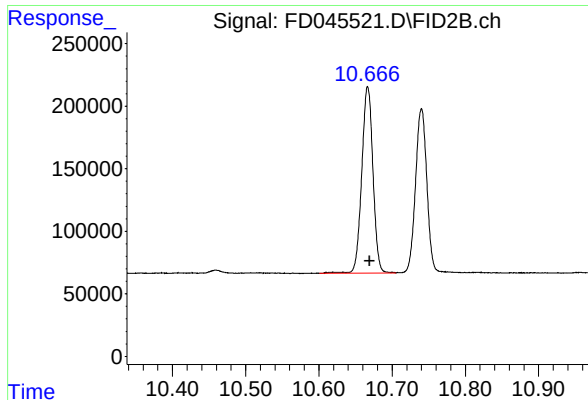
#7 Acenaphthene (C15.5)

R.T.: 8.499 min
Delta R.T.: -0.002 min
Response: 1723056
Conc: 10.71 ug/ml



#8 Flouorene (C16.55)

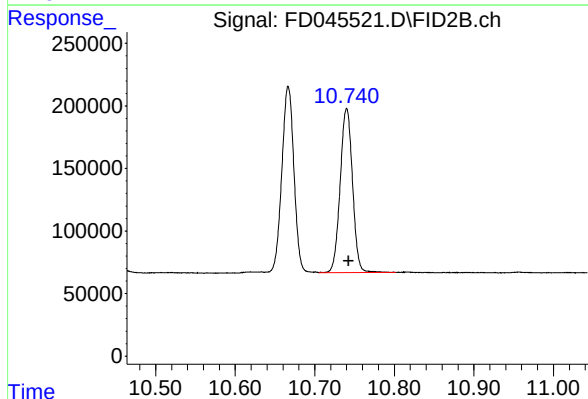
R.T.: 9.277 min
Delta R.T.: -0.001 min
Response: 1623008
Conc: 10.57 ug/ml



#9 Phenanthrene (C19.36)

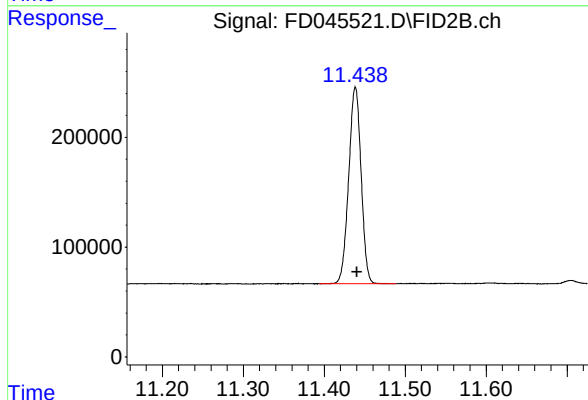
R.T.: 10.667 min
Delta R.T.: -0.002 min
Response: 1588301
Conc: 10.70 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



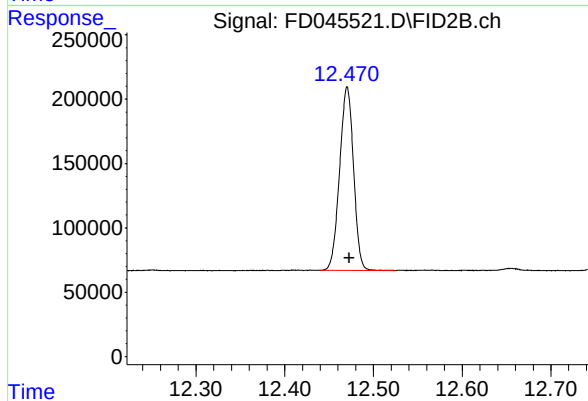
#10 Anthracene (C19.43)

R.T.: 10.740 min
Delta R.T.: -0.002 min
Response: 1414315
Conc: 11.17 ug/ml



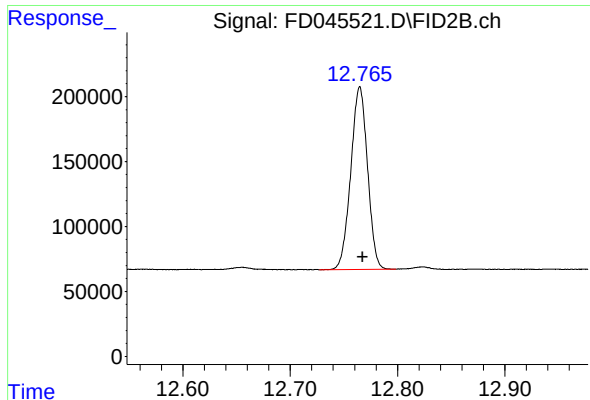
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min
Delta R.T.: -0.002 min
Response: 1909582
Conc: 10.79 ug/ml



#12 Fluoranthene (C21.85)

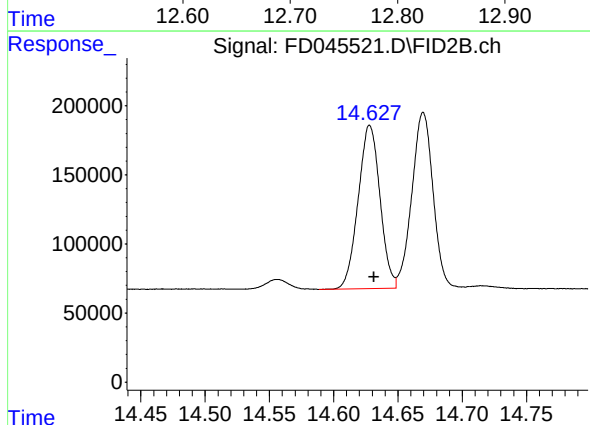
R.T.: 12.470 min
Delta R.T.: -0.002 min
Response: 1553772
Conc: 10.68 ug/ml



#13 Pyrene (C20.8)

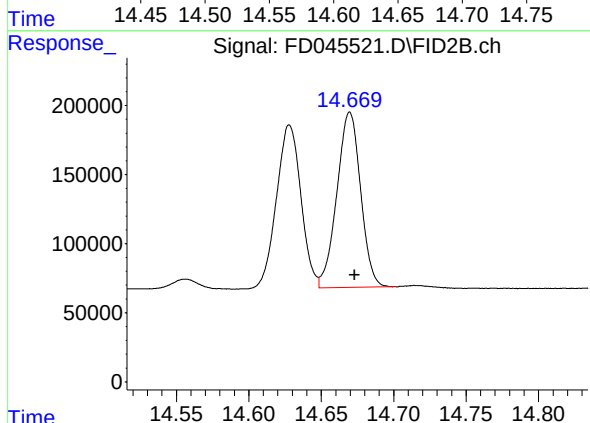
R.T.: 12.765 min
Delta R.T.: -0.003 min
Response: 1523951
Conc: 10.71 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



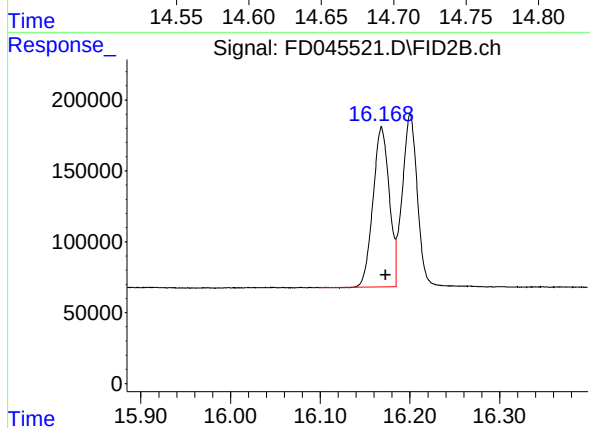
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.628 min
Delta R.T.: -0.003 min
Response: 1393017
Conc: 10.72 ug/ml



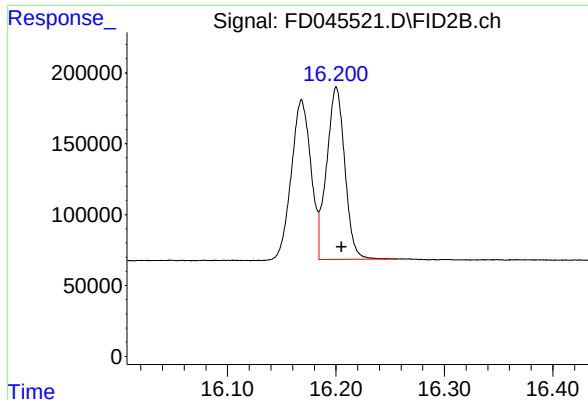
#15 Chrysene (C27.41)

R.T.: 14.670 min
Delta R.T.: -0.003 min
Response: 1446619
Conc: 10.70 ug/ml



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

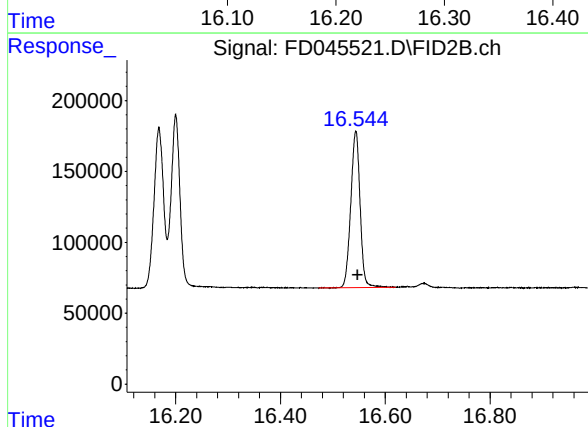
R.T.: 16.168 min
Delta R.T.: -0.004 min
Response: 1410290
Conc: 10.62 ug/ml



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

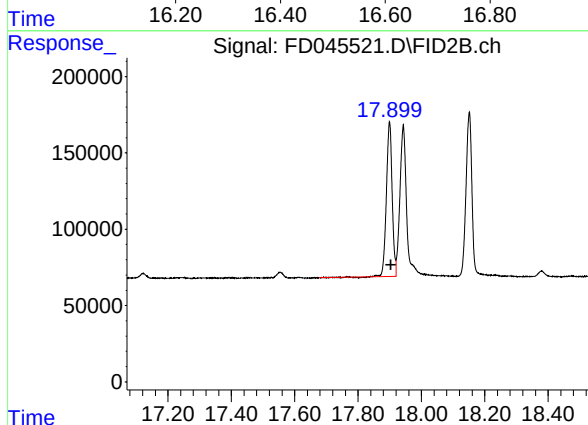
R.T.: 16.200 min
Delta R.T.: -0.005 min
Response: 1419091
Conc: 10.77 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



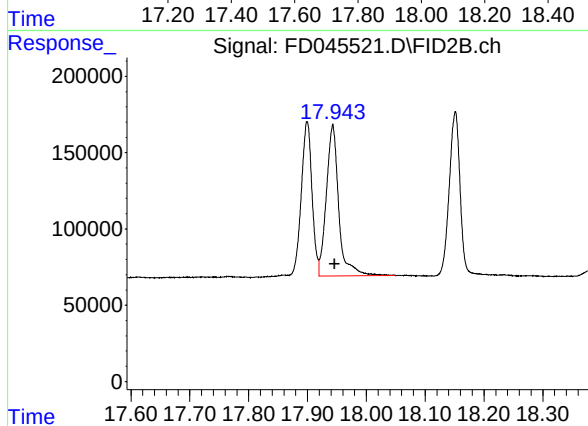
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.544 min
Delta R.T.: -0.004 min
Response: 1361838
Conc: 10.72 ug/ml



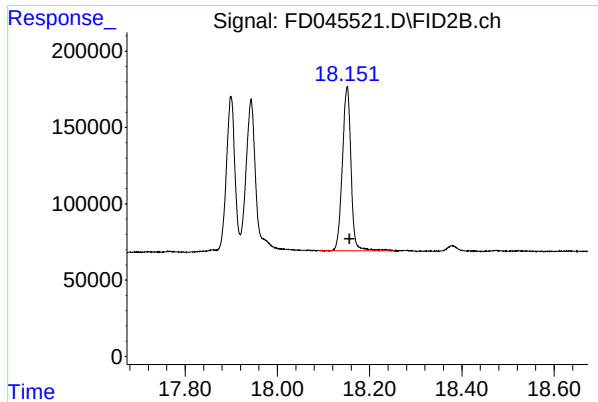
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.899 min
Delta R.T.: -0.005 min
Response: 1286359
Conc: 10.64 ug/ml



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

R.T.: 17.943 min
Delta R.T.: -0.003 min
Response: 1459406
Conc: 11.56 ug/ml



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

R.T.: 18.151 min
Delta R.T.: -0.006 min
Response: 1400573
Conc: 10.91 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4