



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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	20 PPM AROMATIC HC S	Acq On:	05 May 2023 17:46
Client Sample ID:	20 PPM AROMATIC HC S	Operator:	YP/AJ
Data file:	FD045602.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.251	5.982	7765851	40.514	200	ug/ml
Aromatic C12-C16	5.983	8.598	11563196	61.126	300	ug/ml
Aromatic C16-C21	8.599	12.866	18359842	100.809	500	ug/ml
Aromatic C21-C36	12.867	18.254	22811355	155.845	800	ug/ml
Aromatic EPH	4.251	18.254	60500244	358.294		ug/ml
2-Bromonaphthalene (SURR)	7.543	7.543	3463035	20.3		ug/ml
2-Fluorobiphenyl (SURR)	8.399	8.399	2332694	20.29		ug/ml
ortho-Terphenyl (SURR)	11.439	11.439	4259849	20.18		ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050523AR\
 Data File : FD045602.D
 Signal(s) : FID2B.ch
 Acq On : 05 May 2023 17:46
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 05 18:20:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.543	3463035	20.302 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
6) S 2-Fluorobiphenyl (SURR)	8.399	2332694	20.289 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.58%
11) S ortho-Terphenyl (SURR)	11.439	4259849	20.177 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	3781966	20.261 ug/ml
2) T Naphthalene (C11.7)	5.883	3983885	20.254 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	4008316	20.291 ug/ml
5) T Acenaphthylene (C15.06)	8.203	3679091	20.478 ug/ml
7) T Acenaphthene (C15.5)	8.498	3875789	20.367 ug/ml
8) T Fluorene (C16.55)	9.277	3830534	20.311 ug/ml
9) T Phenanthrene (C19.36)	10.667	3758974	20.223 ug/ml
10) T Anthracene (C19.43)	10.742	3611672	20.203 ug/ml
12) T Fluoranthene (C21.85)	12.472	3619946	20.067 ug/ml
13) T Pyrene (C20.8)	12.767	3538716	20.191 ug/ml
14) T Benzo[a]anthracene (C...	14.631	3194642	20.071 ug/ml
15) T Chrysene (C27.41)	14.674	3270628	20.142 ug/ml
16) T benzo[b]fluoranthene ...	16.172	2954005	20.057 ug/ml
17) T Bnezo[k]fluoranthene ...	16.205	2923036	20.216 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.547	2804825	20.117 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.902	2531777	19.927 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	2574297	20.044 ug/ml
21) T Benzo[g,h,i]perylene ...	18.155	2558145	19.888 ug/ml

(f)=RT Delta > 1/2 Window

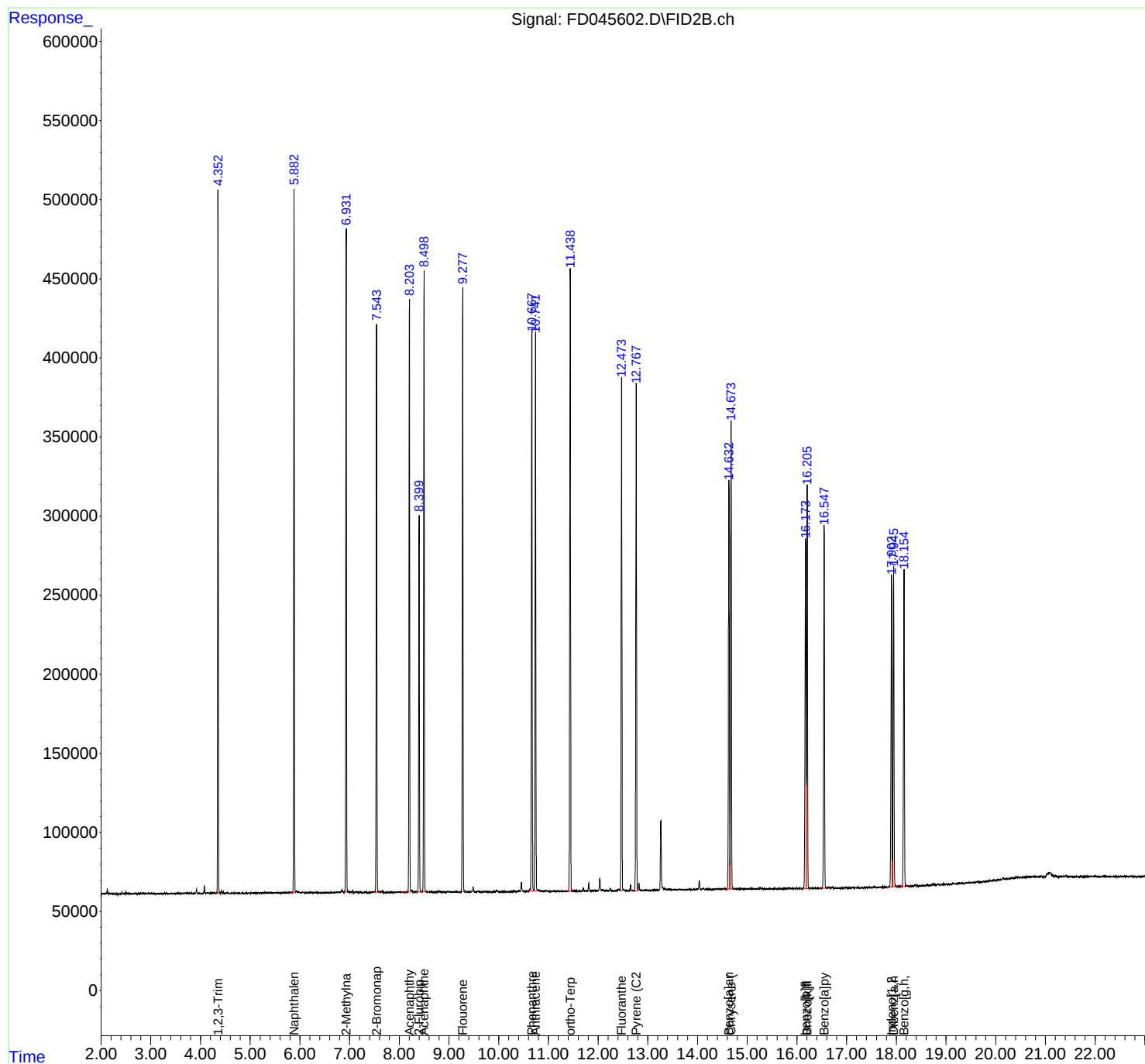
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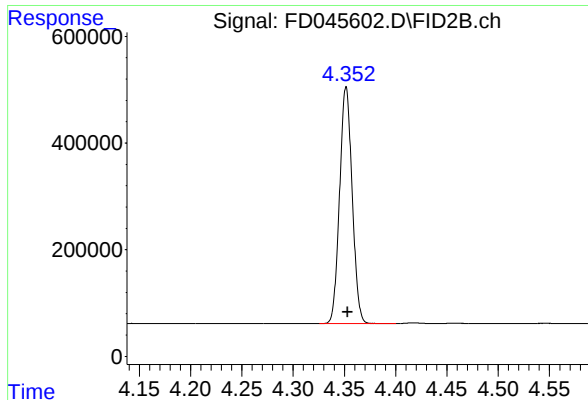
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050523AR\
Data File : FD045602.D
Signal(s) : FID2B.ch
Acq On : 05 May 2023 17:46
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: May 05 18:20:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
Quant Title : GC Extractables
QLast Update : Fri May 05 18:09:33 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

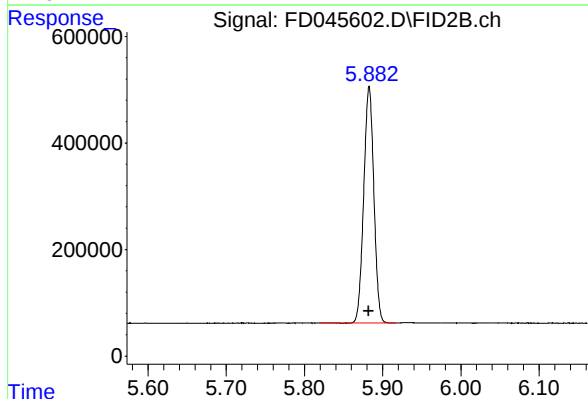
R.T.: 4.352 min
Delta R.T.: -0.001 min
Response: 3781966
Conc: 20.26 ug/ml

Instrument :

FID_D

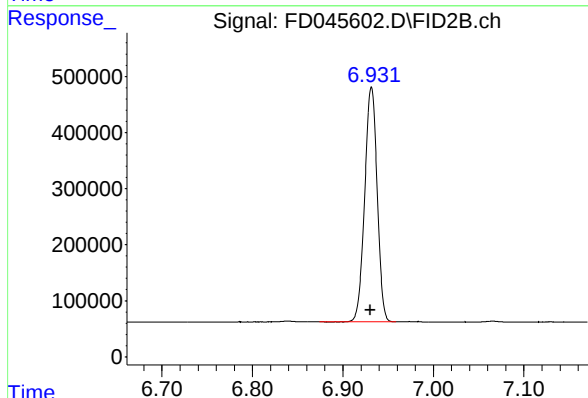
ClientSampleId :

20 PPM AROMATIC HC STD ICV



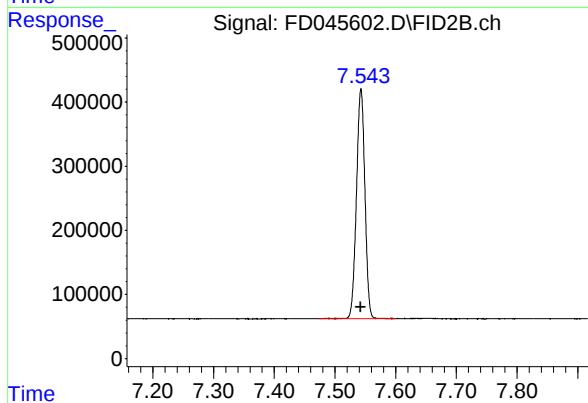
#2 Naphthalene (C11.7)

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 3983885
Conc: 20.25 ug/ml



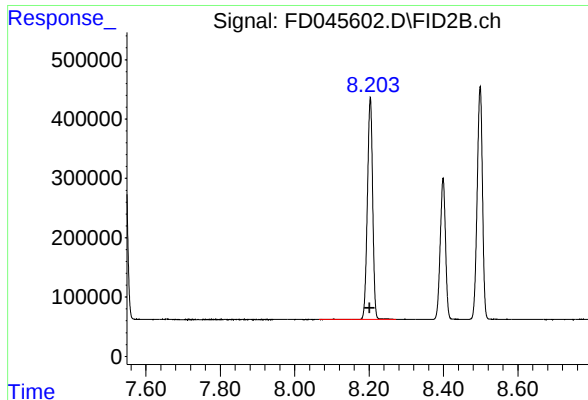
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: 0.001 min
Response: 4008316
Conc: 20.29 ug/ml



#4 2-Bromonaphthalene (SURR)

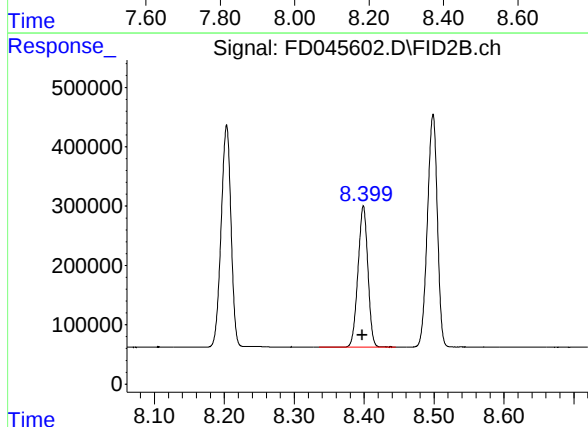
R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 3463035
Conc: 20.30 ug/ml



#5 Acenaphthylene (C15.06)

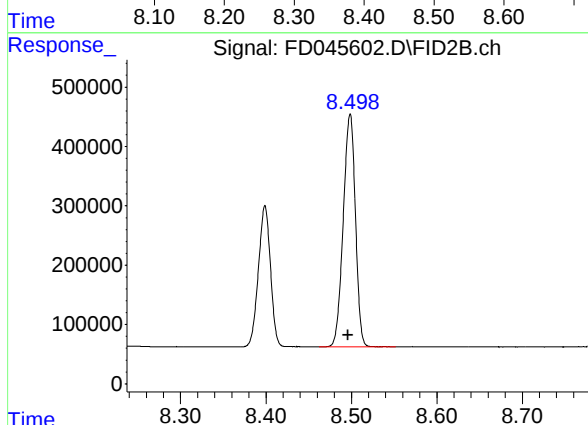
R.T.: 8.203 min
Delta R.T.: 0.002 min
Response: 3679091
Conc: 20.48 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



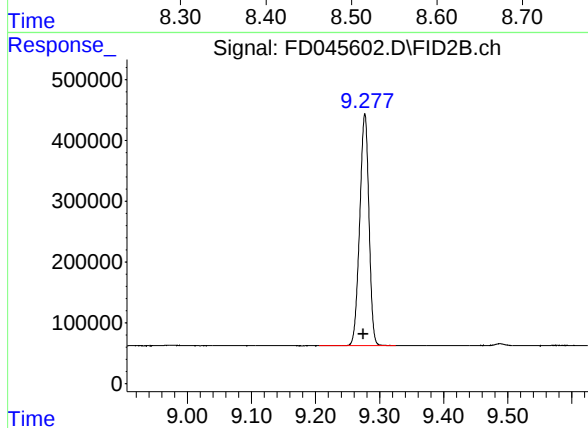
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 2332694
Conc: 20.29 ug/ml



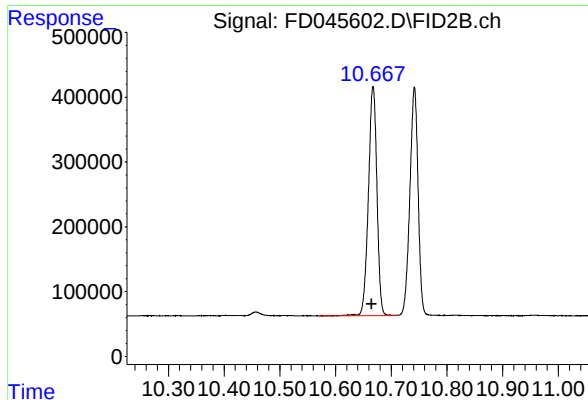
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 3875789
Conc: 20.37 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.277 min
Delta R.T.: 0.002 min
Response: 3830534
Conc: 20.31 ug/ml



#9 Phenanthrene (C19.36)

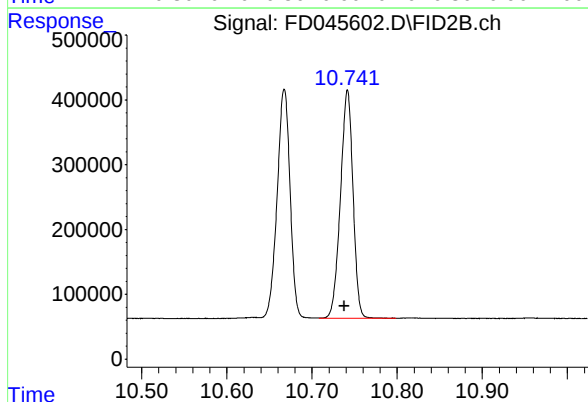
R.T.: 10.667 min
Delta R.T.: 0.003 min
Response: 3758974
Conc: 20.22 ug/ml

Instrument :

FID_D

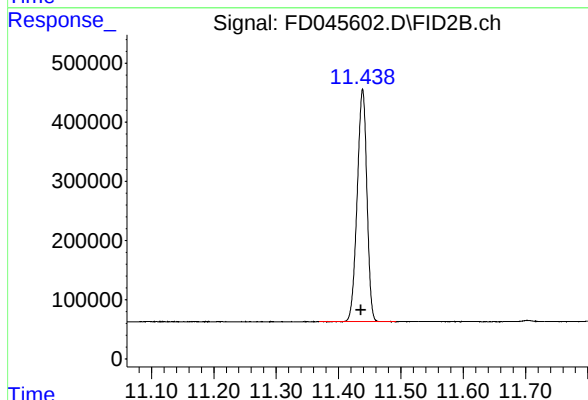
ClientSampleId :

20 PPM AROMATIC HC STD ICV



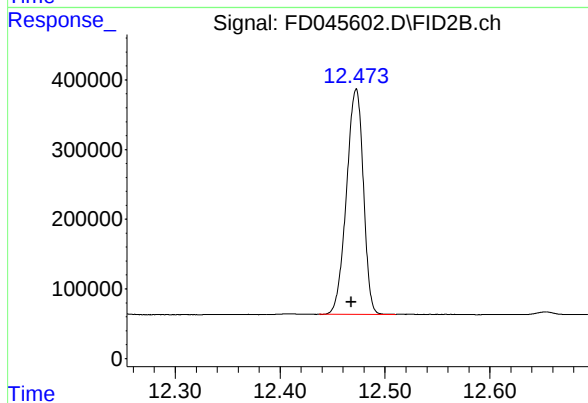
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: 0.003 min
Response: 3611672
Conc: 20.20 ug/ml



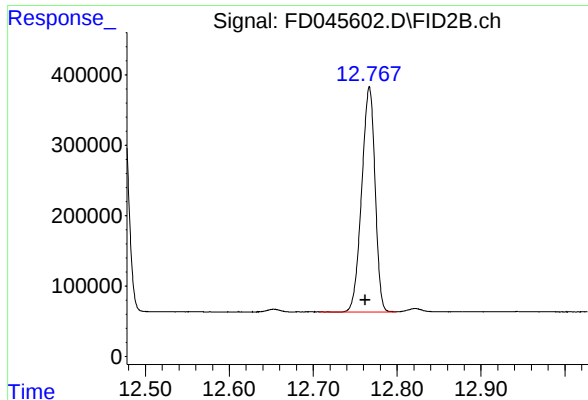
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: 0.002 min
Response: 4259849
Conc: 20.18 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.472 min
Delta R.T.: 0.004 min
Response: 3619946
Conc: 20.07 ug/ml



#13 Pyrene (C20.8)

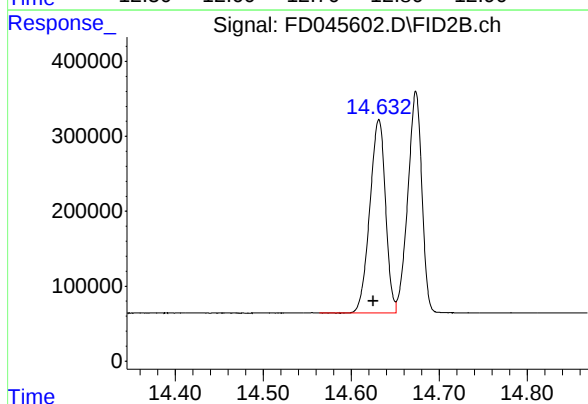
R.T.: 12.767 min
Delta R.T.: 0.004 min
Response: 3538716
Conc: 20.19 ug/ml

Instrument :

FID_D

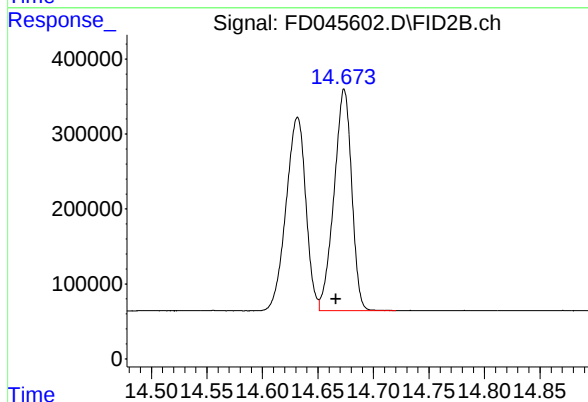
ClientSampleId :

20 PPM AROMATIC HC STD ICV



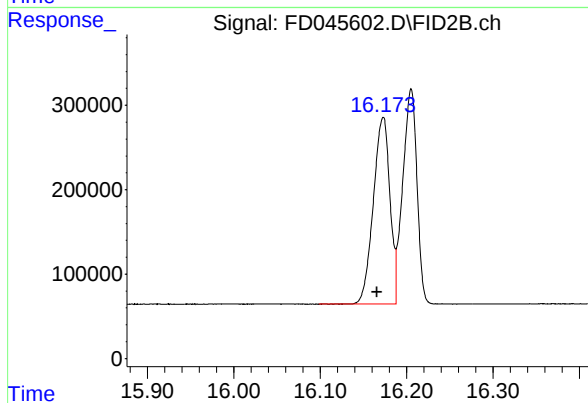
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.006 min
Response: 3194642
Conc: 20.07 ug/ml



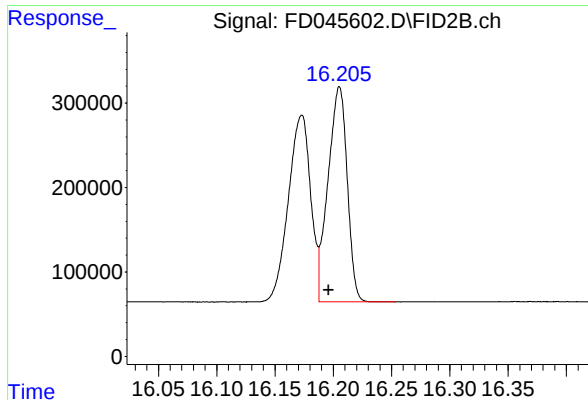
#15 Chrysene (C27.41)

R.T.: 14.674 min
Delta R.T.: 0.007 min
Response: 3270628
Conc: 20.14 ug/ml



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

R.T.: 16.172 min
Delta R.T.: 0.007 min
Response: 2954005
Conc: 20.06 ug/ml



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

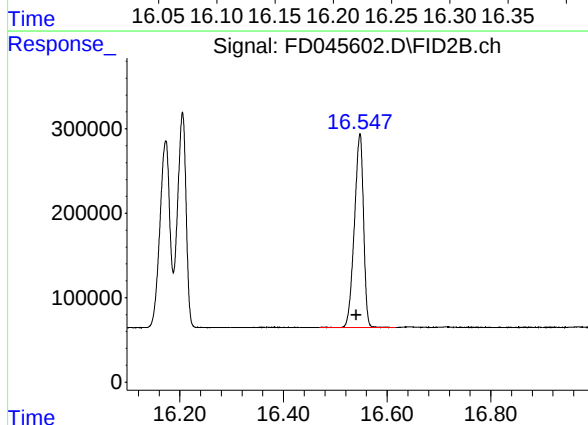
R.T.: 16.205 min
Delta R.T.: 0.009 min
Response: 2923036
Conc: 20.22 ug/ml

Instrument :

FID_D

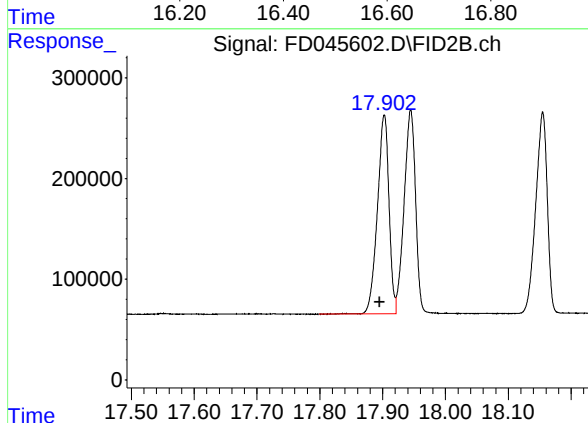
ClientSampleId :

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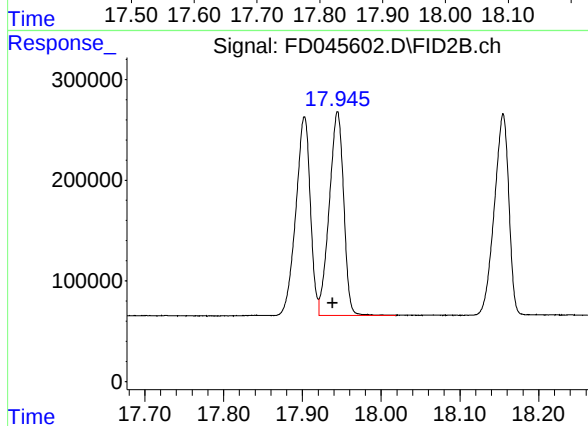
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.547 min
Delta R.T.: 0.007 min
Response: 2804825
Conc: 20.12 ug/ml



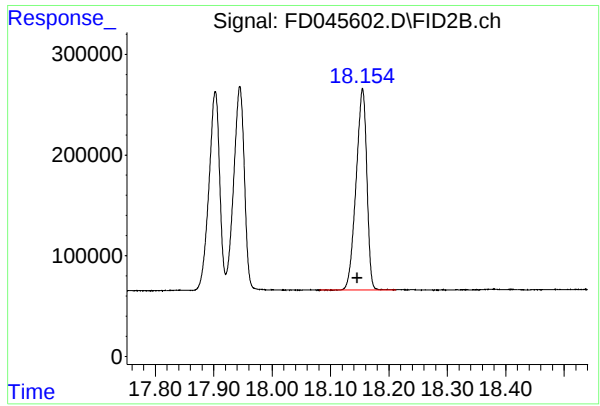
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.902 min
Delta R.T.: 0.007 min
Response: 2531777
Conc: 19.93 ug/ml



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

R.T.: 17.945 min
Delta R.T.: 0.006 min
Response: 2574297
Conc: 20.04 ug/ml



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

R.T.: 18.155 min
Delta R.T.: 0.009 min
Response: 2558145
Conc: 19.89 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD ICV