



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:	21 Apr 2023 20:15
Client Sample ID:	20 PPM AROMATIC HC S	Operator:	YP/AJ
Data file:	FD045523.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.254	5.986	6823378	40.292	200	ug/ml
Aromatic C12-C16	5.987	8.601	9772638	60.751	300	ug/ml
Aromatic C16-C21	8.602	12.867	14029571	97.456	500	ug/ml
Aromatic C21-C36	12.868	18.256	19671618	147.189	800	ug/ml
Aromatic EPH	4.254	18.256	50297205	345.688		ug/ml
2-Bromonaphthalene (SURRE)	7.546	7.546	2788956	19.29		ug/ml
2-Fluorobiphenyl (SURRE)	8.402	8.402	1815125	19.47		ug/ml
ortho-Terphenyl (SURRE)	11.440	11.440	3218650	17.98		ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042123AR\
 Data File : FD045523.D
 Signal(s) : FID2B.ch
 Acq On : 21 Apr 2023 20:15
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Apr 24 08:41:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.546	2788956	19.291 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
6) S 2-Fluorobiphenyl (SURR)	8.402	1815125	19.465 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.93%
11) S ortho-Terphenyl (SURR)	11.440	3218650	17.984 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	3387750	20.219 ug/ml
2) T Naphthalene (C11.7)	5.886	3435628	20.075 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	3295449	19.478 ug/ml
5) T Acenaphthylene (C15.06)	8.206	3096059	20.466 ug/ml
7) T Acenaphthene (C15.5)	8.501	3381130	20.854 ug/ml
8) T Fluorene (C16.55)	9.279	3055601	19.837 ug/ml
9) T Phenanthrene (C19.36)	10.669	2916713	19.553 ug/ml
10) T Anthracene (C19.43)	10.742	2303820	17.835 ug/ml
12) T Fluoranthene (C21.85)	12.473	2869892	19.500 ug/ml
13) T Pyrene (C20.8)	12.768	2883545	20.101 ug/ml
14) T Benzo[a]anthracene (C...	14.631	2604025	19.871 ug/ml
15) T Chrysene (C27.41)	14.673	2739195	20.066 ug/ml
16) T benzo[b]fluoranthene ...	16.173	2630881	19.703 ug/ml
17) T Bnezo[k]fluoranthene ...	16.205	2530711	18.918 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.547	2378880	18.591 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.903	2181949	17.370 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	2271721	16.676 ug/ml
21) T Benzo[g,h,i]perylene ...	18.156	2334256	17.818 ug/ml

(f)=RT Delta > 1/2 Window

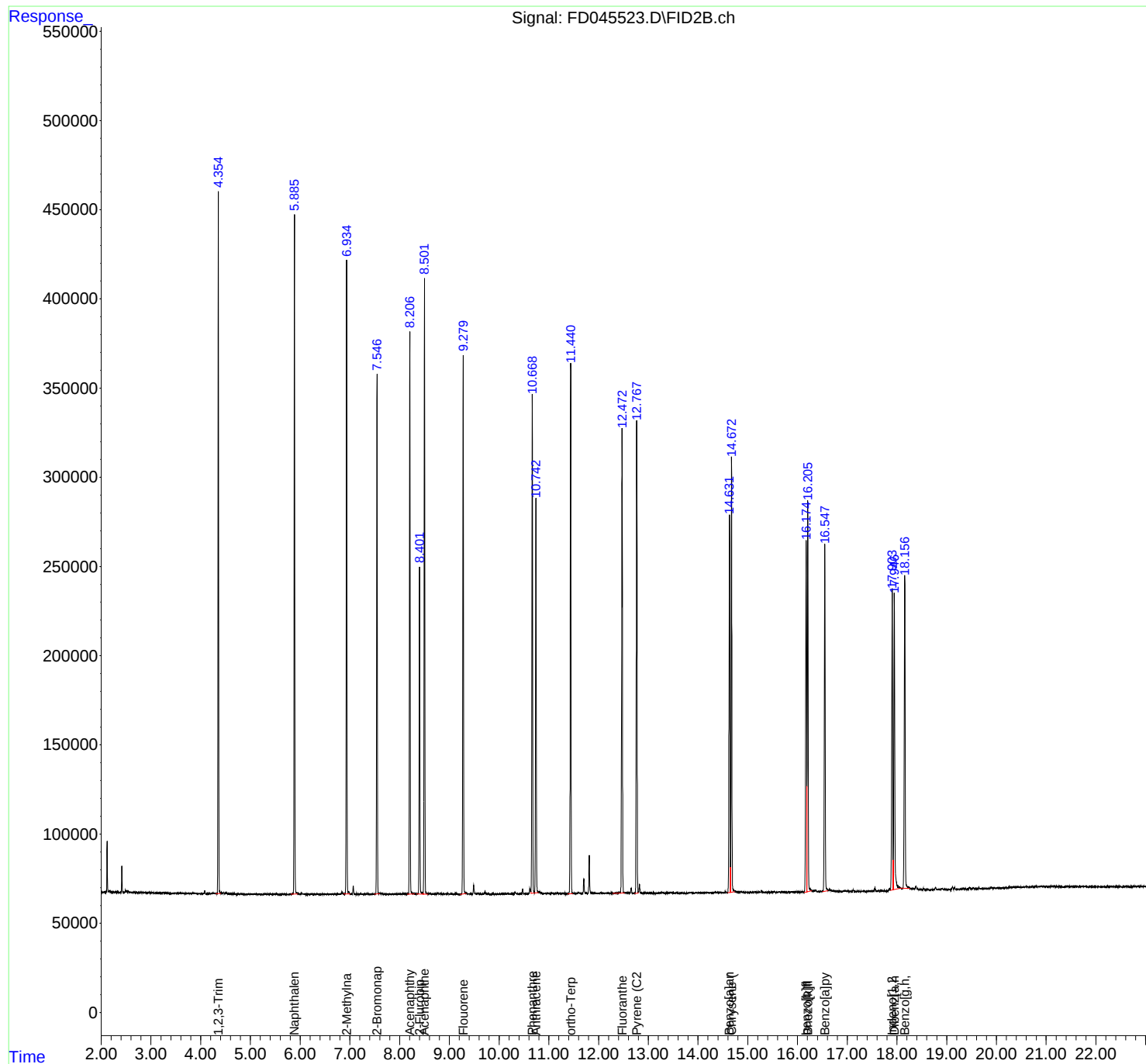
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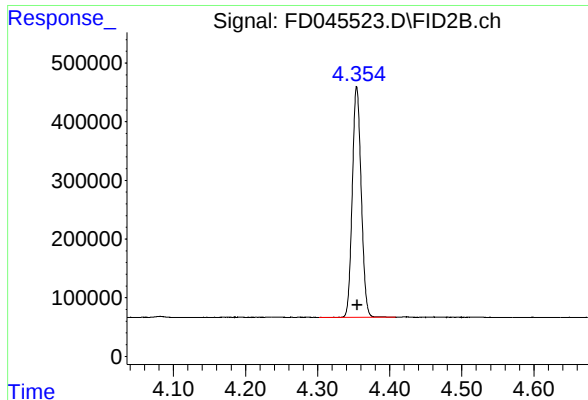
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042123AR\
Data File : FD045523.D
Signal(s) : FID2B.ch
Acq On : 21 Apr 2023 20:15
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Apr 24 08:41:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

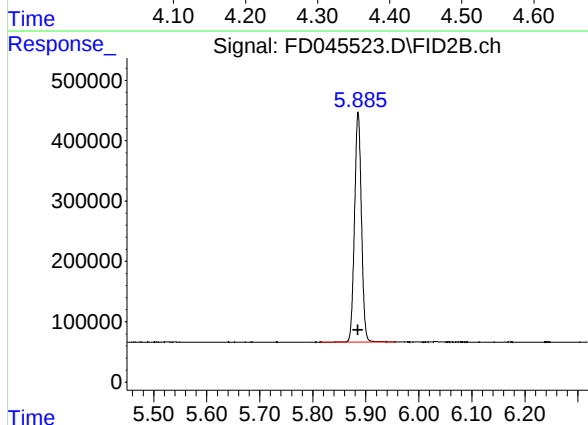




#1 1,2,3-Trimethylbenzene (C10.1)

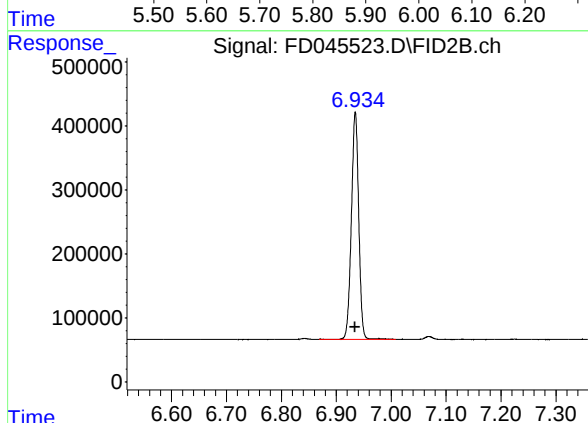
R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 3387750
Conc: 20.22 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



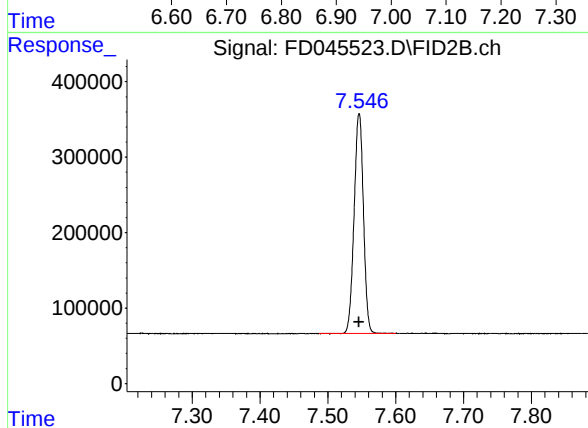
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 3435628
Conc: 20.07 ug/ml



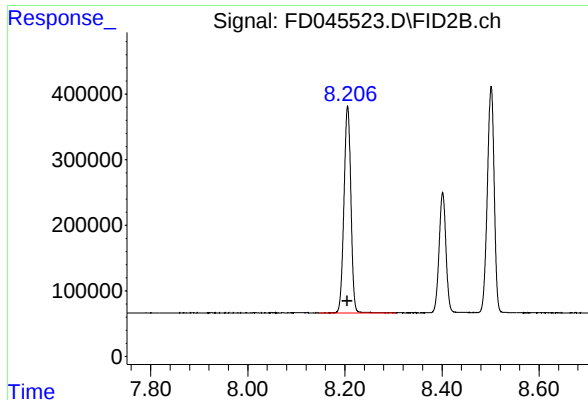
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 3295449
Conc: 19.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 2788956
Conc: 19.29 ug/ml



#5 Acenaphthylene (C15.06)

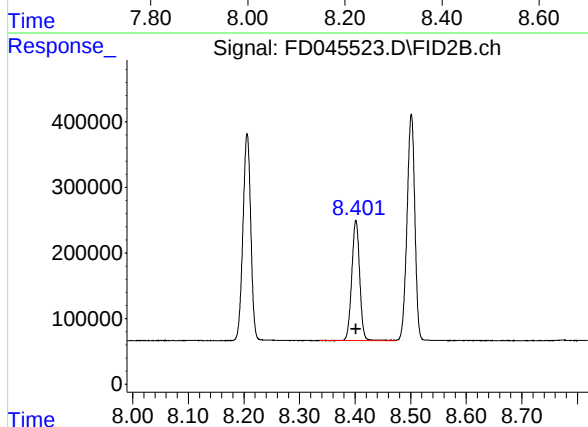
R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 3096059
Conc: 20.47 ug/ml

Instrument :

FID_D

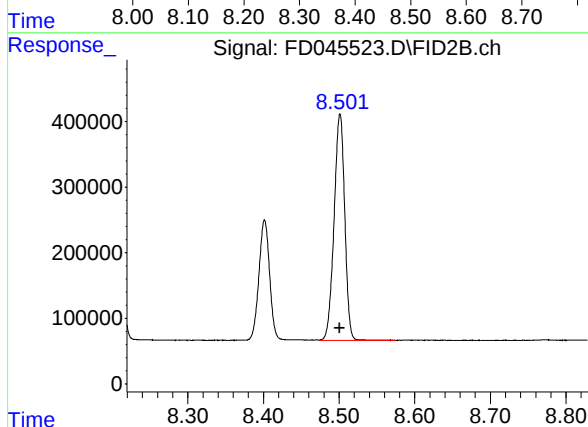
ClientSampleId :

20 PPM AROMATIC HC STD ICV



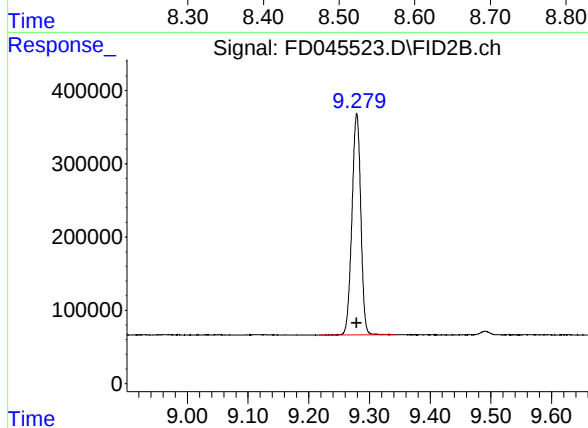
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 1815125
Conc: 19.47 ug/ml



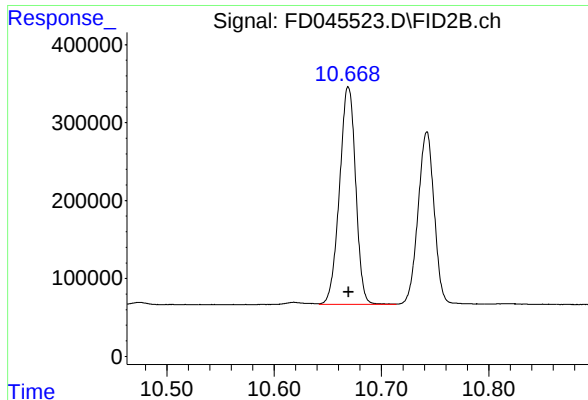
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 3381130
Conc: 20.85 ug/ml



#8 Flouorene (C16.55)

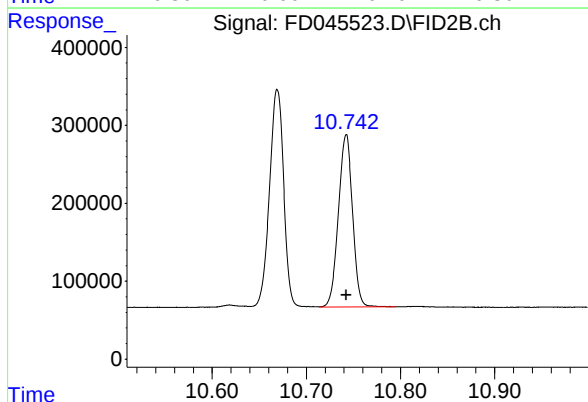
R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 3055601
Conc: 19.84 ug/ml



#9 Phenanthrene (C19.36)

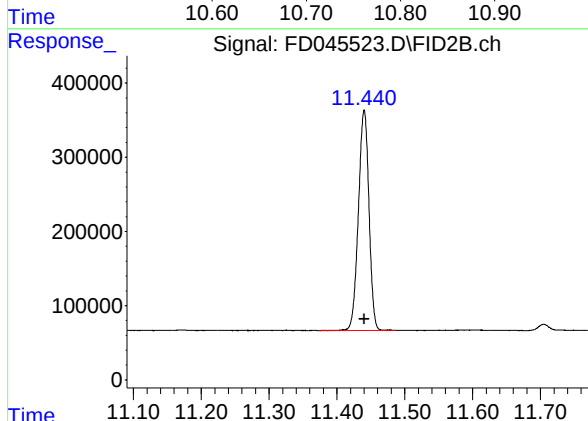
R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 2916713
Conc: 19.55 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV



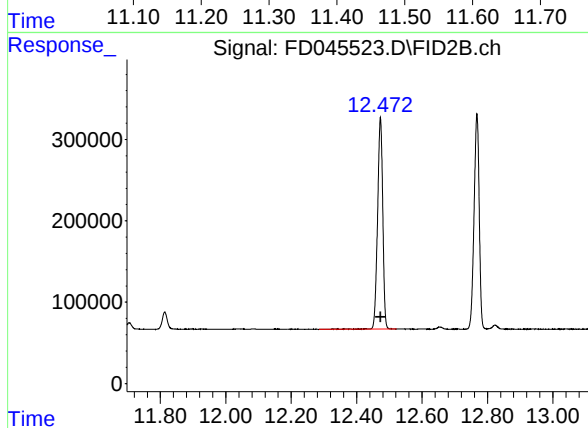
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: 0.000 min
Response: 2303820
Conc: 17.84 ug/ml



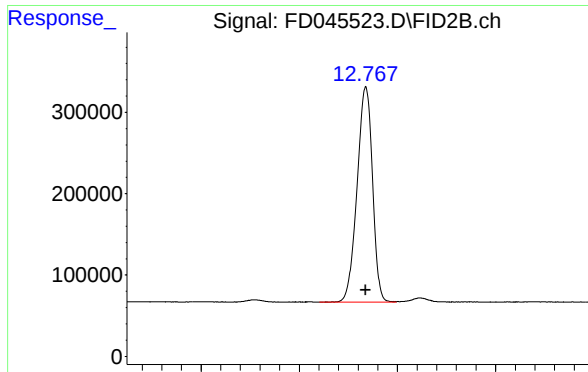
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: 0.000 min
Response: 3218650
Conc: 17.98 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.473 min
Delta R.T.: 0.000 min
Response: 2869892
Conc: 19.50 ug/ml



#13 Pyrene (C20.8)

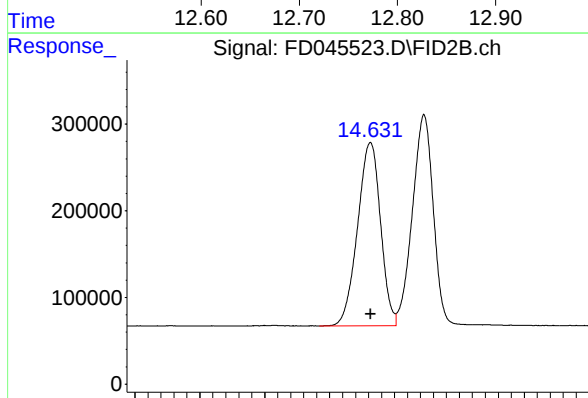
R.T.: 12.768 min
Delta R.T.: 0.000 min
Response: 2883545
Conc: 20.10 ug/ml

Instrument :

FID_D

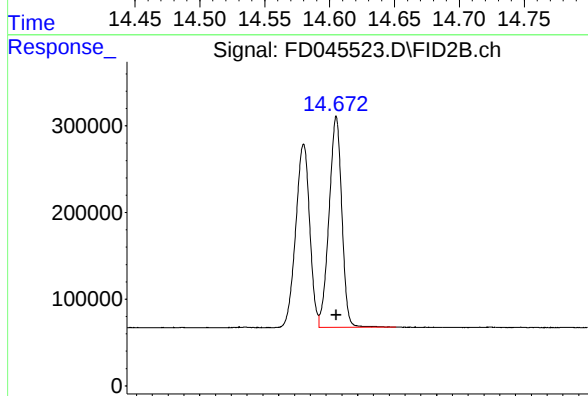
ClientSampleId :

20 PPM AROMATIC HC STD ICV



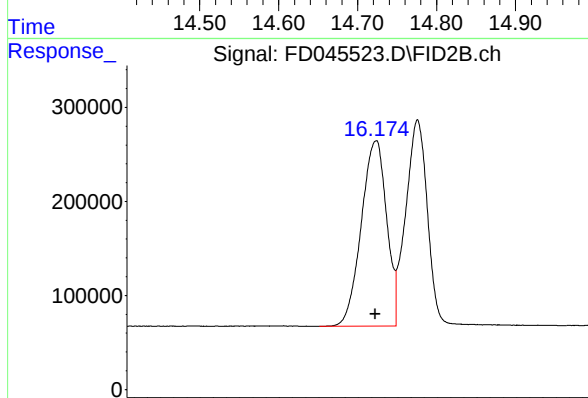
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.000 min
Response: 2604025
Conc: 19.87 ug/ml



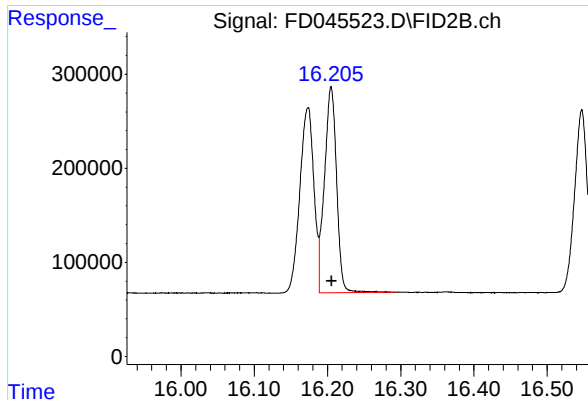
#15 Chrysene (C27.41)

R.T.: 14.673 min
Delta R.T.: 0.000 min
Response: 2739195
Conc: 20.07 ug/ml



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

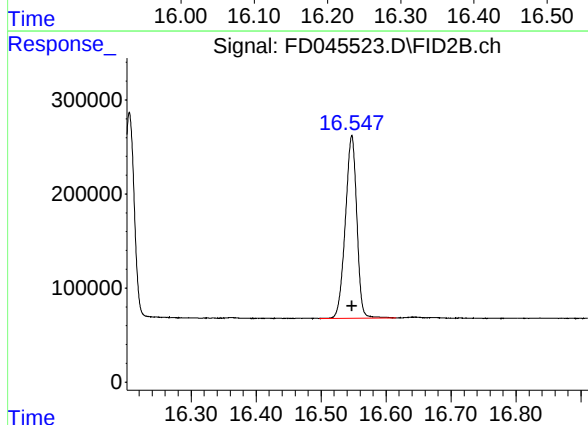
R.T.: 16.173 min
Delta R.T.: 0.000 min
Response: 2630881
Conc: 19.70 ug/ml



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

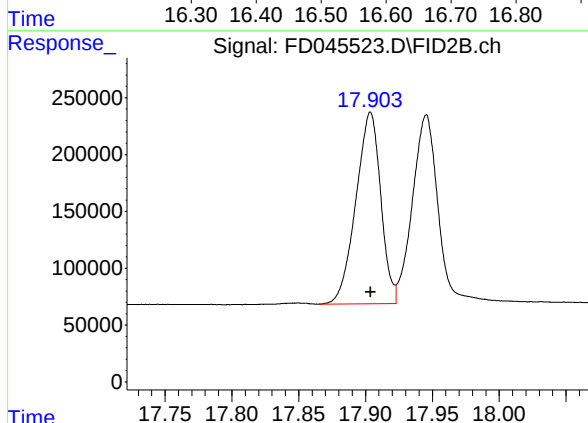
R.T.: 16.205 min
Delta R.T.: 0.000 min
Response: 2530711
Conc: 18.92 ug/ml

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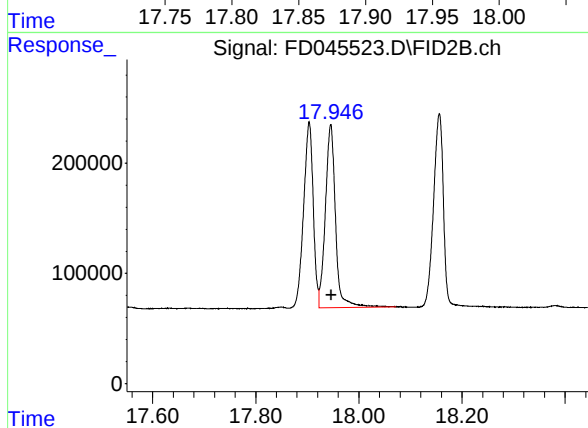
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.547 min
Delta R.T.: 0.000 min
Response: 2378880
Conc: 18.59 ug/ml



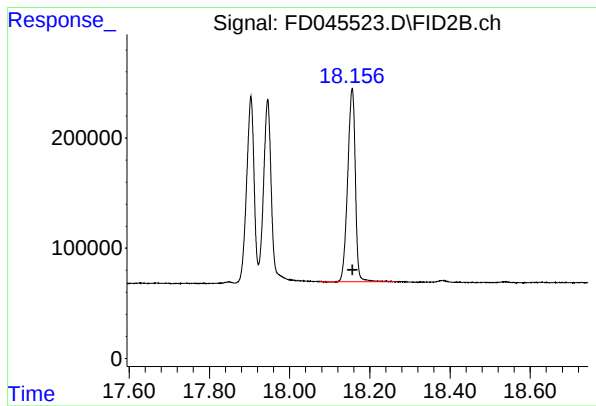
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.903 min
Delta R.T.: 0.000 min
Response: 2181949
Conc: 17.37 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.001 min
Response: 2271721
Conc: 16.68 ug/ml



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

R.T.: 18.156 min
Delta R.T.: -0.001 min
Response: 2334256
Conc: 17.82 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD ICV