



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

Lab Sample ID:	100 PPM AROMATIC HC	Acq On:	05 May 2023 14:31
Client Sample ID:		Operator:	YP/AJ
Data file:	FD045597.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.251	5.982	33914429.000	200.000	ug/ml
Aromatic C12-C16	5.983	8.598	50810486.000	300.000	ug/ml
Aromatic C16-C21	8.599	12.866	65568361.000	400.000	ug/ml
Aromatic C21-C36	12.867	18.254	121483529.000	900.000	ug/ml
Aromatic EPH	4.251	18.254	271776805.000	1800.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050523AR\
 Data File : FD045597.D
 Signal(s) : FID2B.ch
 Acq On : 05 May 2023 14:31
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/08/2023

Supervised By :Ankita Jodhani 05/08/2023

Integration File: autoint1.e

Quant Time: May 05 18:05:30 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M

Quant Title : GC Extractables

QLast Update : Fri May 05 18:04:52 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...	7.550	15129786	86.307 ug/ml
Spiked Amount 50.000		Recovery =	172.61%
6) S 2-Fluorobiphenyl (SURR)	8.408	10319609	87.291 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	174.58%#
11) S ortho-Terphenyl (SURR)	11.449	18912510	87.608 ug/ml
Spiked Amount 50.000		Recovery =	175.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	16469929	86.026 ug/ml
2) T Naphthalene (C11.7)	5.889	17444500	86.306 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	17610075	86.791 ug/ml
5) T Acenaphthylene (C15.06)	8.213	16137364	86.887 ug/ml
7) T Acenaphthene (C15.5)	8.511	17063047	87.285 ug/ml
8) T Fluorene (C16.55)	9.289	16932043	87.281 ug/ml
9) T Phenanthrene (C19.36)	10.681	16720891	88.092 ug/ml
10) T Anthracene (C19.43)	10.757	16055895	88.010 ug/ml
12) T Fluoranthene (C21.85)	12.488	16255499	88.625 ug/ml
13) T Pyrene (C20.8)	12.783	15859532	88.536 ug/ml
14) T Benzo[a]anthracene (C...	14.646	14586782	90.062 ug/ml
15) T Chrysene (C27.41)	14.696	14795674	89.657 ug/ml
16) T benzo[b]fluoranthene ...	16.191	13736277	92.048 ug/ml
17) T Bnezo[k]fluoranthene ...	16.232	13195801	89.736 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.570	12973984	92.072 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.928	12280326	96.648 ug/ml
20) T Dibenz[a,h]anthracene...	17.970	11653723	90.171 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.186	12005463	93.172 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050523AR\
Data File : FD045597.D
Signal(s) : FID2B.ch
Acq On : 05 May 2023 14:31
Operator : YP/AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

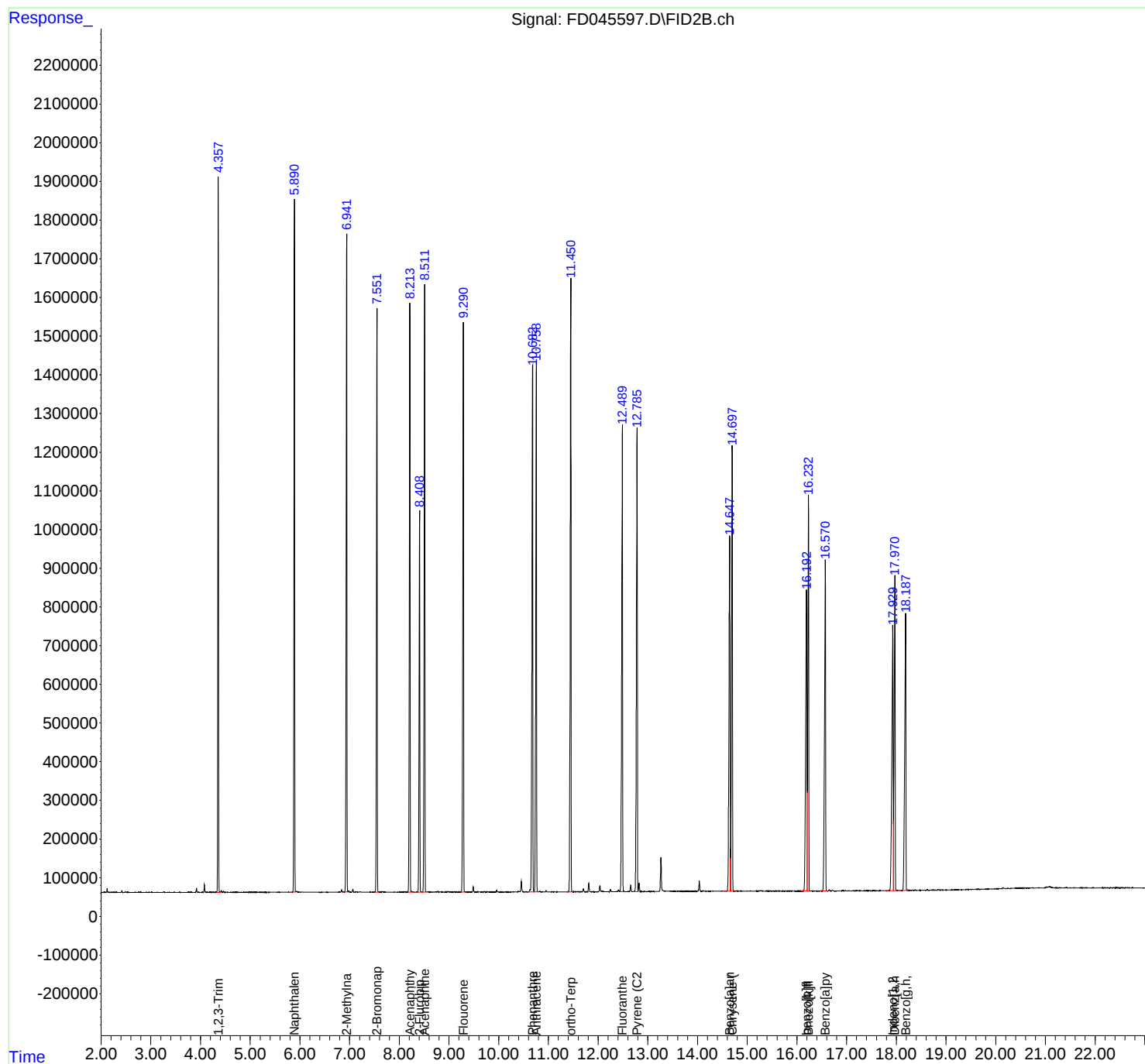
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FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

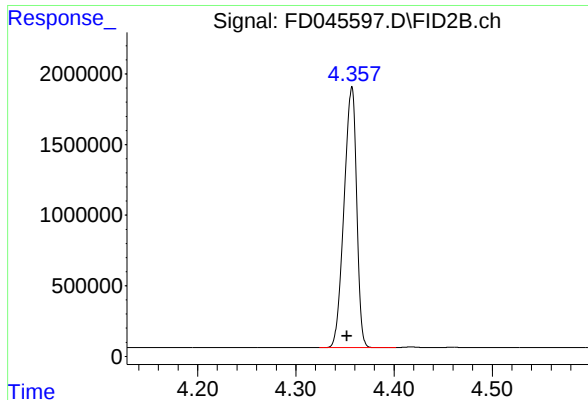
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Integration File: autoint1.e
Quant Time: May 05 18:05:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
Quant Title : GC Extractables
QLast Update : Fri May 05 18:04:52 2023
Response via : Initial Calibration
Integrator: 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.: 4.357 min
Delta R.T.: 0.005 min
Response: 16469929
Conc: 86.03 ug/ml

Instrument :

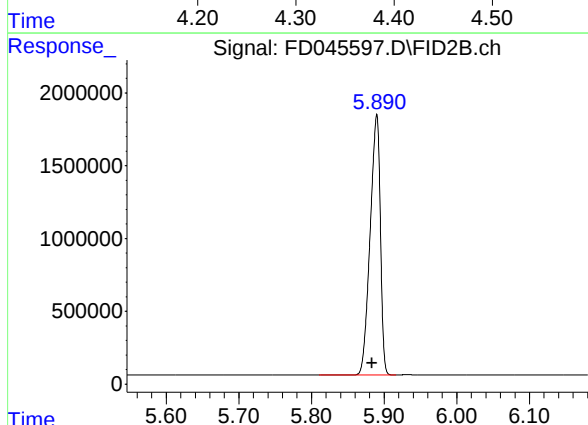
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100 PPM AROMATIC HC STD1

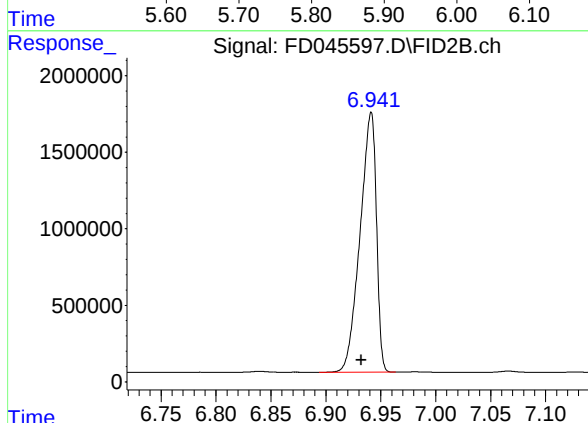
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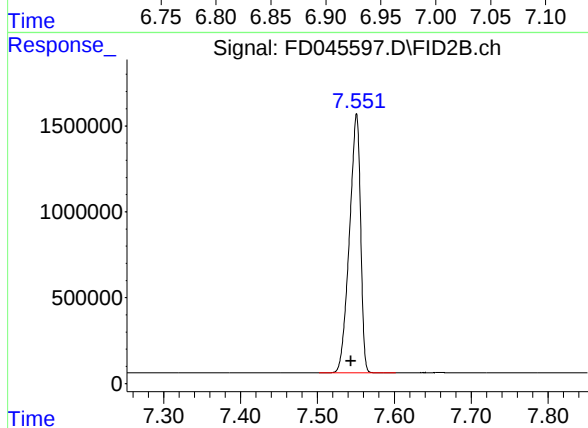
#2 Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: 0.006 min
Response: 17444500
Conc: 86.31 ug/ml



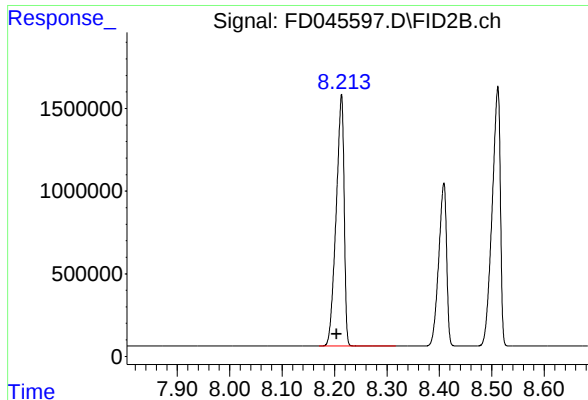
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.008 min
Response: 17610075
Conc: 86.79 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.550 min
Delta R.T.: 0.007 min
Response: 15129786
Conc: 86.31 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.213 min
Delta R.T.: 0.009 min
Response: 16137364
Conc: 86.89 ug/ml

Instrument :

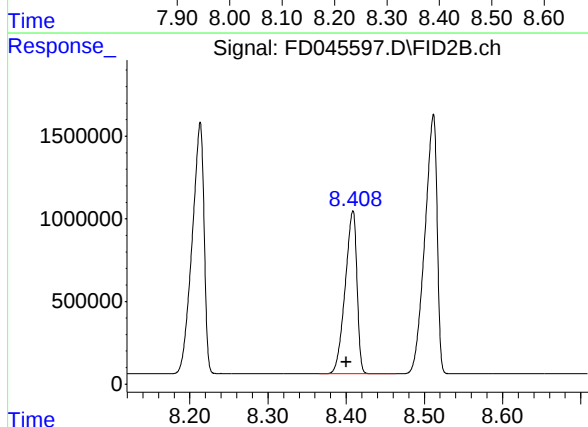
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ClientSampleId :

100 PPM AROMATIC HC STD1

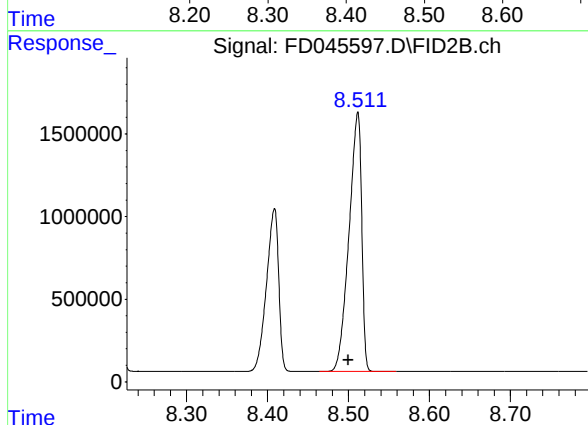
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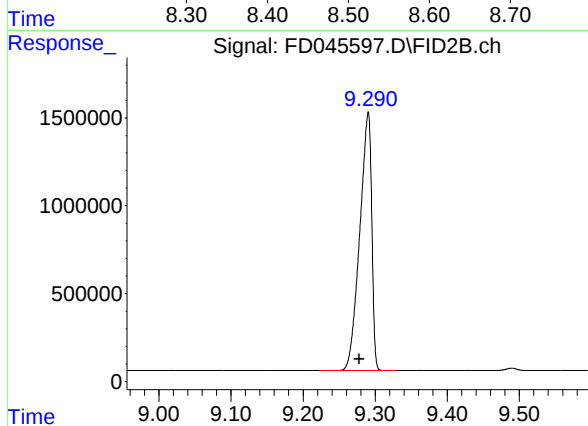
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.008 min
Response: 10319609
Conc: 87.29 ug/ml



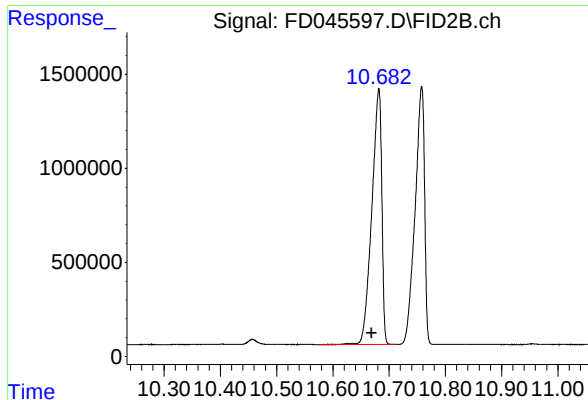
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: 0.011 min
Response: 17063047
Conc: 87.28 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.289 min
Delta R.T.: 0.011 min
Response: 16932043
Conc: 87.28 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.681 min
Delta R.T.: 0.012 min
Response: 16720891
Conc: 88.09 ug/ml

Instrument :

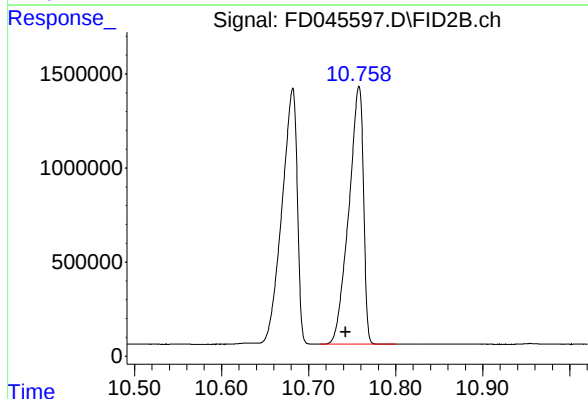
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ClientSampleId :

100 PPM AROMATIC HC STD1

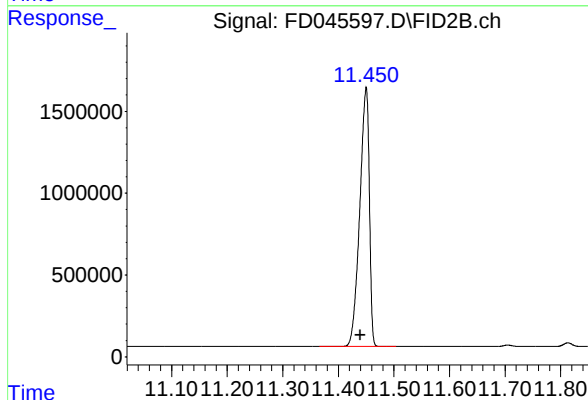
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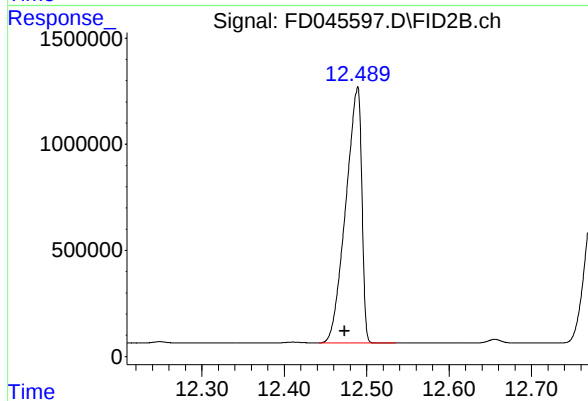
#10 Anthracene (C19.43)

R.T.: 10.757 min
Delta R.T.: 0.015 min
Response: 16055895
Conc: 88.01 ug/ml



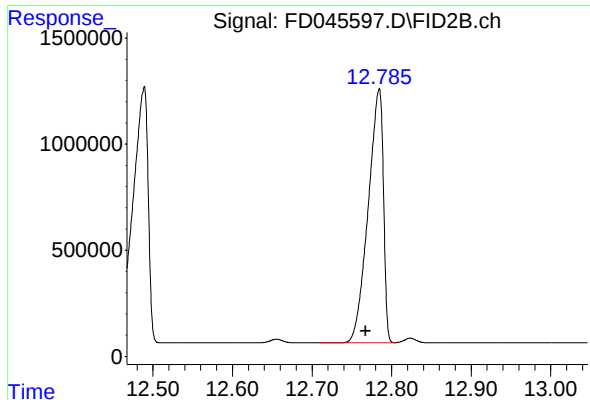
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: 0.010 min
Response: 18912510
Conc: 87.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.488 min
Delta R.T.: 0.015 min
Response: 16255499
Conc: 88.62 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.783 min
Delta R.T.: 0.016 min
Response: 15859532
Conc: 88.54 ug/ml

Instrument :

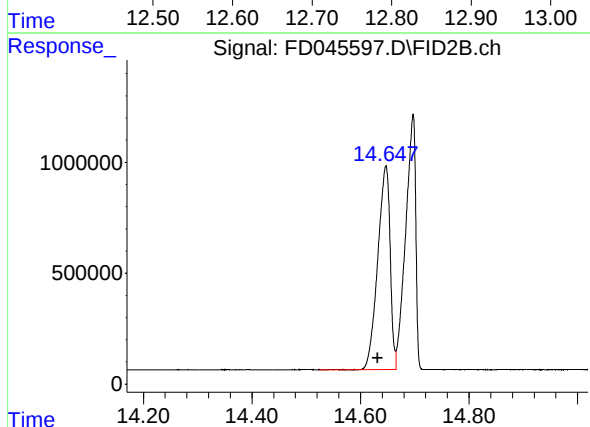
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ClientSampleId :

100 PPM AROMATIC HC STD1

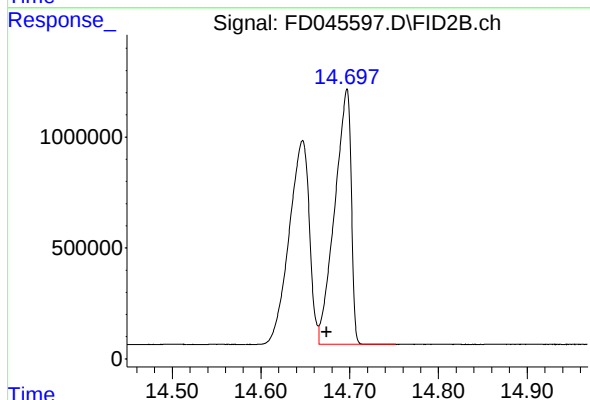
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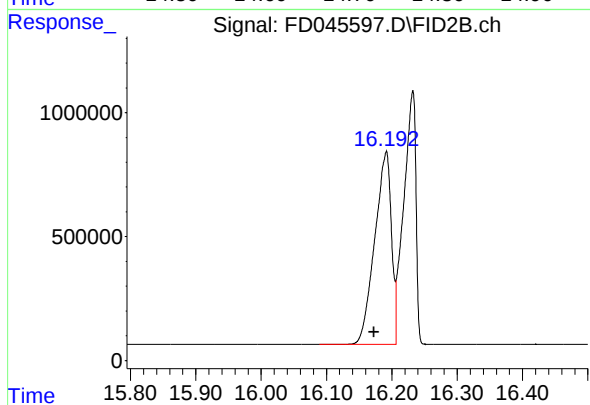
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: 0.015 min
Response: 14586782
Conc: 90.06 ug/ml



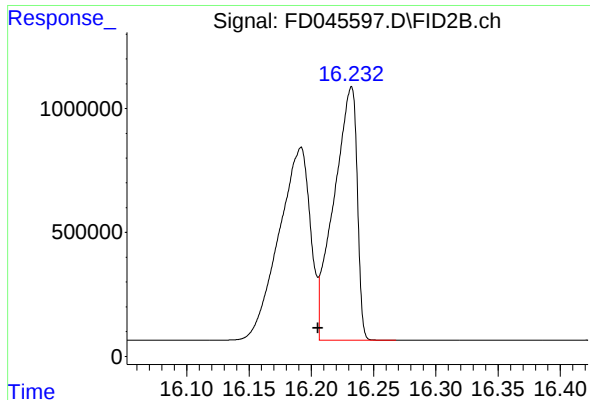
#15 Chrysene (C27.41)

R.T.: 14.696 min
Delta R.T.: 0.022 min
Response: 14795674
Conc: 89.66 ug/ml



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

R.T.: 16.191 min
Delta R.T.: 0.018 min
Response: 13736277
Conc: 92.05 ug/ml



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

R.T.: 16.232 min
Delta R.T.: 0.027 min
Response: 13195801
Conc: 89.74 ug/ml

Instrument :

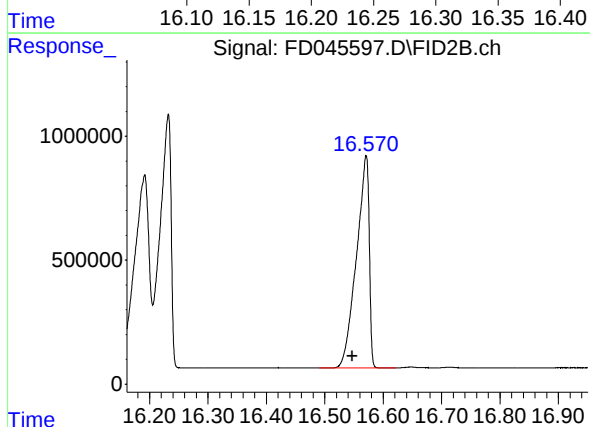
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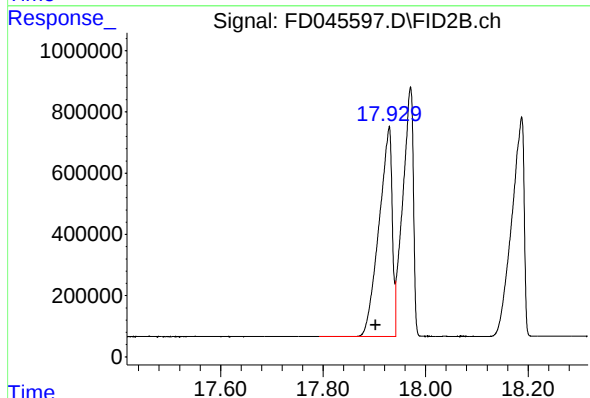
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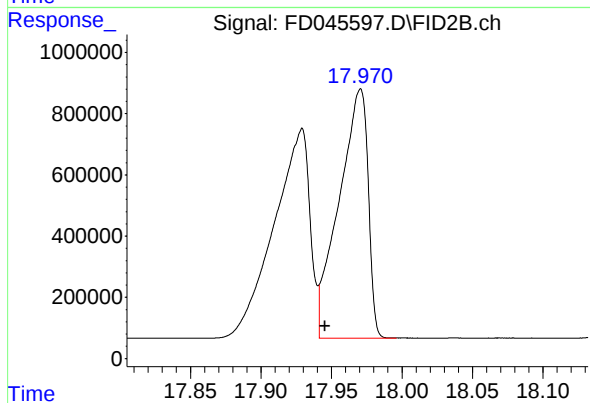
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: 0.022 min
Response: 12973984
Conc: 92.07 ug/ml



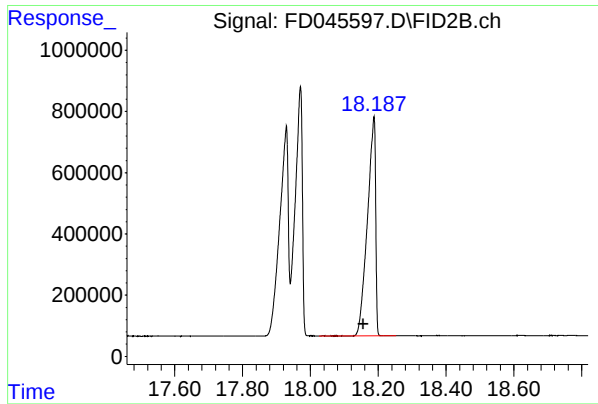
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.928 min
Delta R.T.: 0.025 min
Response: 12280326
Conc: 96.65 ug/ml



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

R.T.: 17.970 min
Delta R.T.: 0.025 min
Response: 11653723
Conc: 90.17 ug/ml m



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

R.T.: 18.186 min
Delta R.T.: 0.030 min
Response: 12005463
Conc: 93.17 ug/ml

Instrument :

FID_D

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