

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121523\
 Data File : FG013296.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2023 19:00
 Operator : YP\AJ
 Sample : 05862-06MSD 100X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 FL-06-20231213-12.0-12.5-AMSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/19/2024
 Supervised By :Sohil Jodhani 01/19/2024

Integration File: autoint1.e
 Quant Time: Dec 15 22:37:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120423.M
 Quant Title :
 QLast Update : Mon Dec 04 11:42:34 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.100	801401	7.465 ug/mlm
Target Compounds			
1) N-OCTANE	2.061	15629	0.128 ug/mlm
2) N-DECANE	4.586	18378	0.145 ug/mlm
3) N-DODECANE	6.762	37511	0.299 ug/mlm
4) N-TETRADECANE	8.581	227529	1.885 ug/ml
5) N-HEXADECANE	10.229	84130	0.692 ug/ml
6) N-OCTADECANE	11.647	57985	0.482 ug/mlm
7) N-EICOSANE	12.968	1619092	13.702 ug/mlm
8) N-DOCOSANE	14.176	540142	4.762 ug/mlm
10) N-TETRACOSANE	15.281	1142625	9.811 ug/mlm
11) N-HEXACOSANE	16.296	2572717	23.101 ug/mlm
12) N-OCTACOSANE	17.234	748767	6.785 ug/mlm
13) N-TRIACONTANE	18.161	145574	1.326 ug/mlm
14) N-DOTRIACONTANE	19.009	41878	0.392 ug/mlm
15) N-TETRATRIACONTANE	19.750	376438	4.007 ug/mlm
16) N-HEXATRIACONTANE	20.511	34747	0.448 ug/mlm
17) N-OCTATRIACONTANE	21.223	802429	11.611 ug/mlm
18) N-TETRACONTANE	22.198	145174	2.003 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 05862-06MSD 100X
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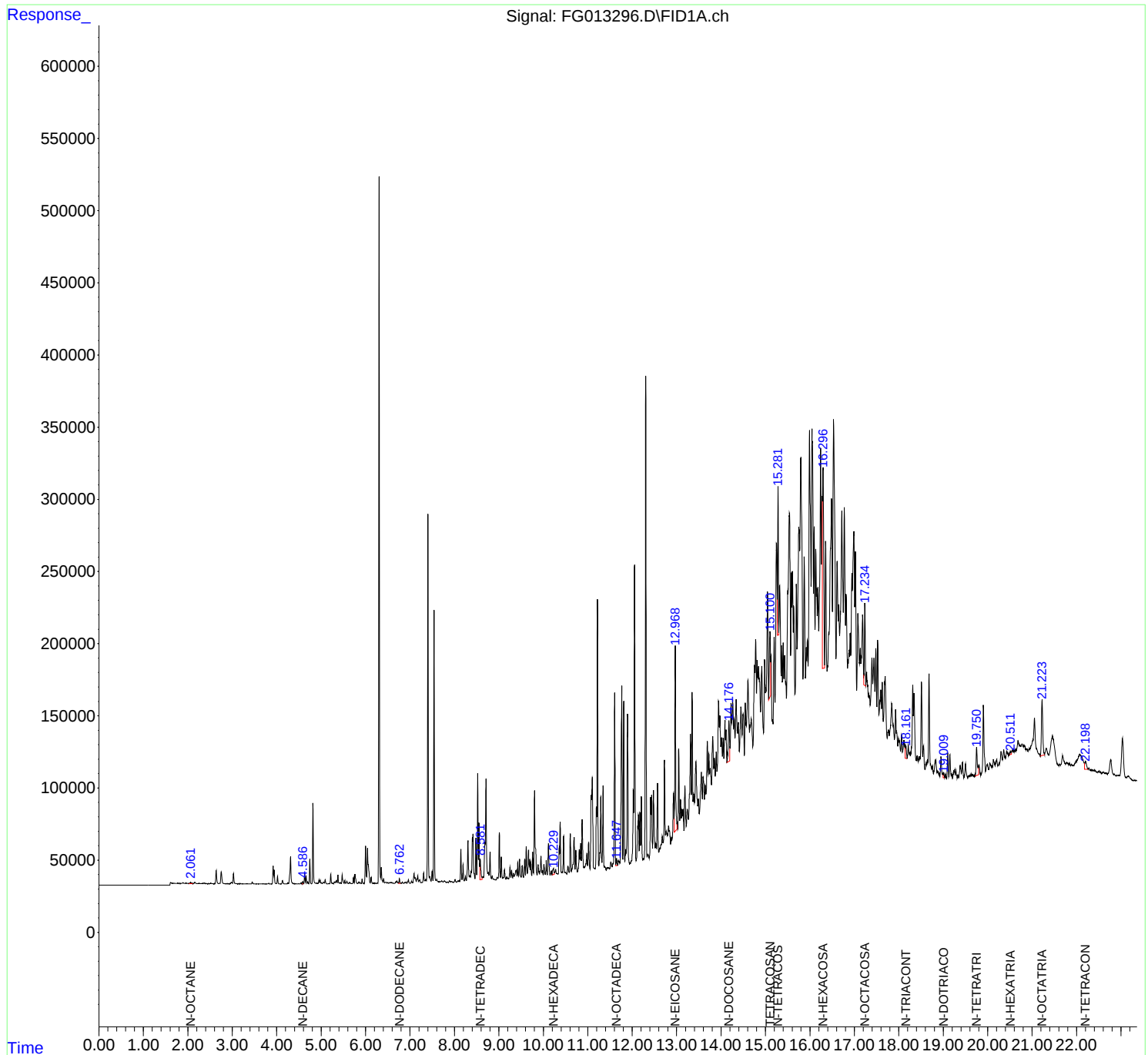
Instrument :
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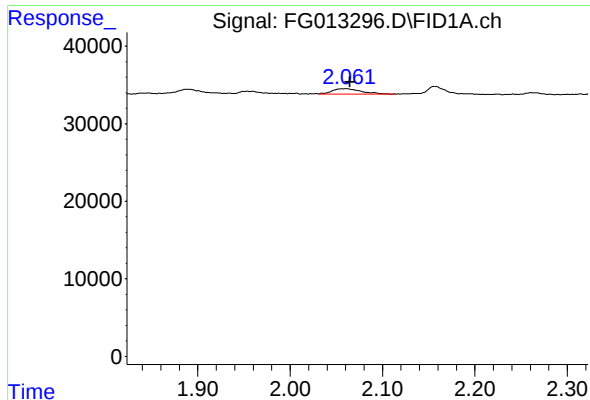
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Quant Title :
QLast Update : Mon Dec 04 11:42:34 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.061 min
Delta R.T.: -0.004 min
Response: 15629
Conc: 0.13 ug/ml

Instrument :

FID_G

ClientSampleId :

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#2 N-DECANE

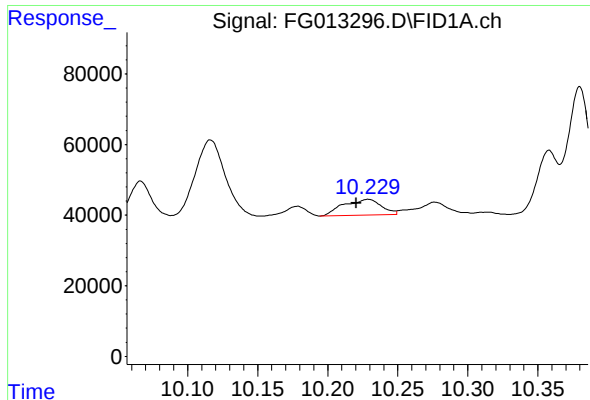
R.T.: 4.586 min
Delta R.T.: -0.007 min
Response: 18378
Conc: 0.15 ug/ml m

#3 N-DODECANE

R.T.: 6.762 min
Delta R.T.: -0.008 min
Response: 37511
Conc: 0.30 ug/ml m

#4 N-TETRADECANE

R.T.: 8.581 min
Delta R.T.: -0.025 min
Response: 227529
Conc: 1.88 ug/ml



#5 N-HEXADECANE

R.T.: 10.229 min
Delta R.T.: 0.008 min
Response: 84130
Conc: 0.69 ug/ml

Instrument :

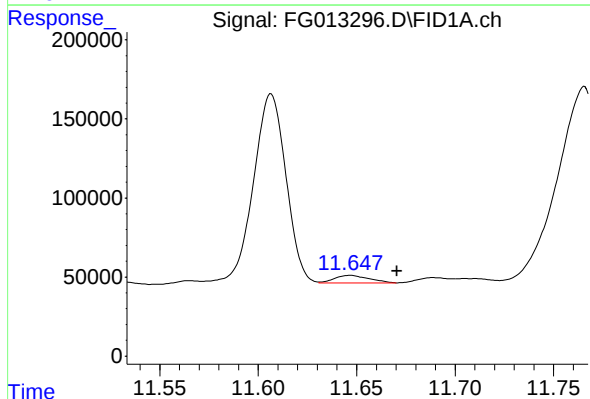
FID_G

ClientSampleId :

FL-06-20231213-12.0-12.5-AMSD

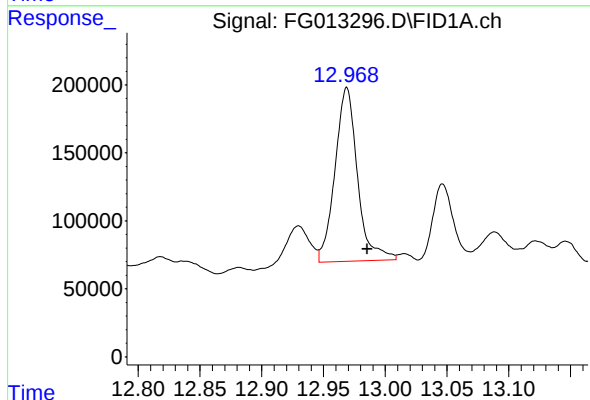
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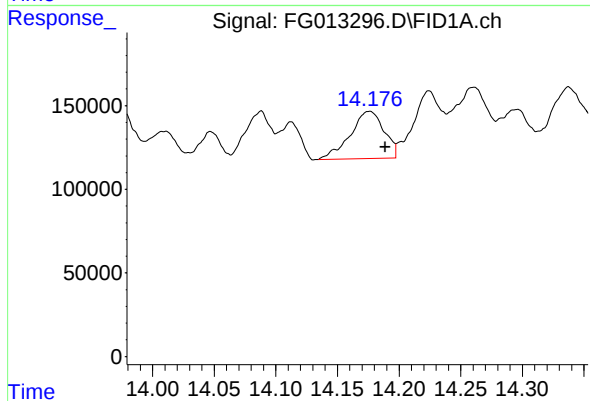
#6 N-OCTADECANE

R.T.: 11.647 min
Delta R.T.: -0.024 min
Response: 57985
Conc: 0.48 ug/ml m



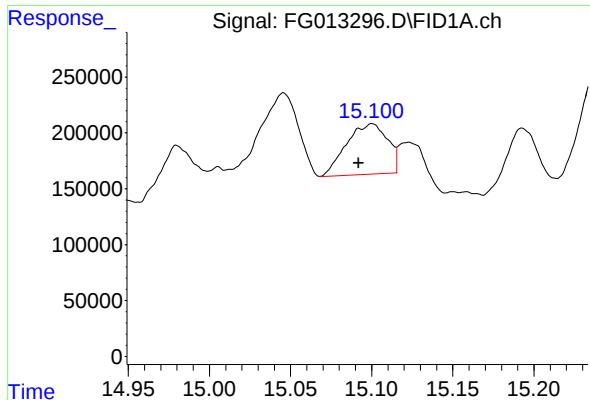
#7 N-EICOSANE

R.T.: 12.968 min
Delta R.T.: -0.017 min
Response: 1619092
Conc: 13.70 ug/ml m



#8 N-DOCOSANE

R.T.: 14.176 min
Delta R.T.: -0.013 min
Response: 540142
Conc: 4.76 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.100 min
Delta R.T.: 0.008 min
Response: 801401
Conc: 7.47 ug/ml

Instrument :

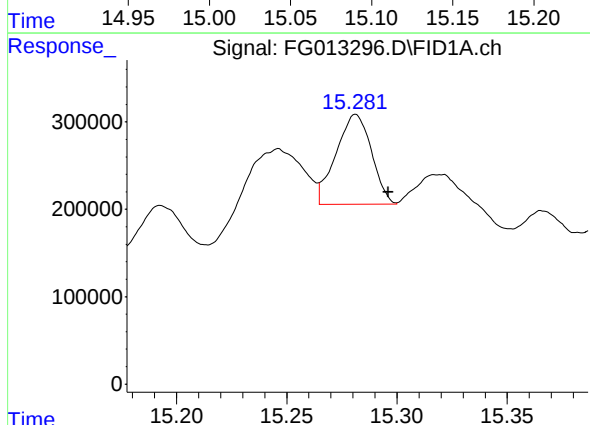
FID_G

ClientSampleId :

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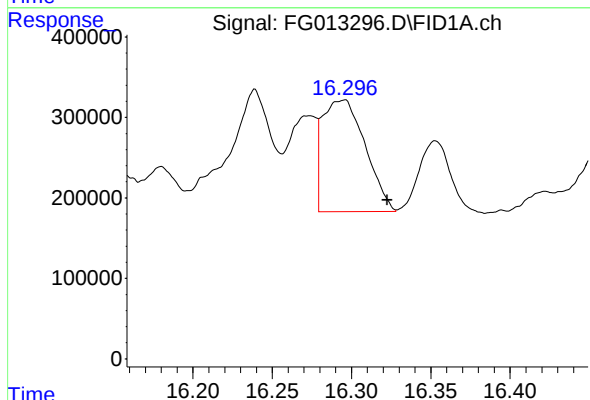
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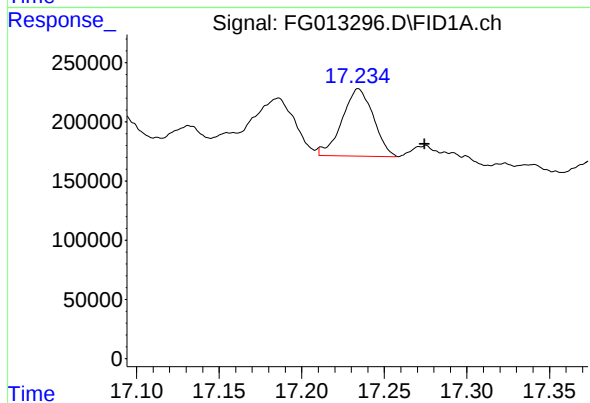
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: -0.015 min
Response: 1142625
Conc: 9.81 ug/ml m



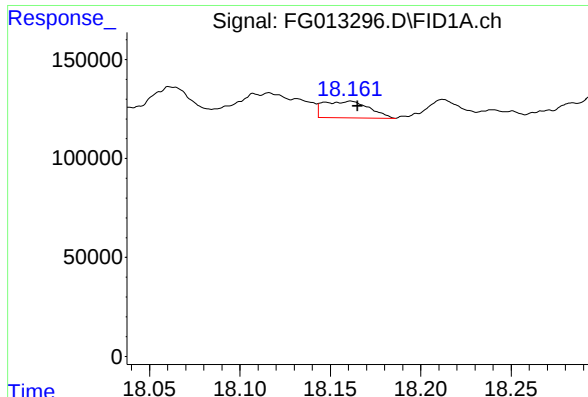
#11 N-HEXACOSANE

R.T.: 16.296 min
Delta R.T.: -0.027 min
Response: 2572717
Conc: 23.10 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.234 min
Delta R.T.: -0.041 min
Response: 748767
Conc: 6.78 ug/ml m



#13 N-TRIACONTANE

R.T.: 18.161 min
Delta R.T.: -0.004 min
Response: 145574
Conc: 1.33 ug/ml

Instrument :

FID_G

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#14 N-DOTRIACONTANE

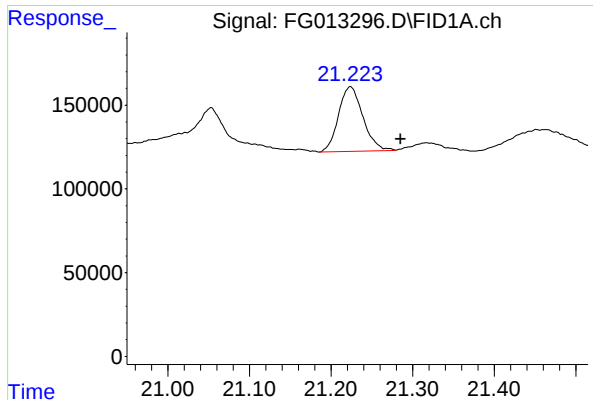
R.T.: 19.009 min
Delta R.T.: 0.010 min
Response: 41878
Conc: 0.39 ug/ml m

#15 N-TETRATRIACONTANE

R.T.: 19.750 min
Delta R.T.: -0.035 min
Response: 376438
Conc: 4.01 ug/ml m

#16 N-HEXATRIACONTANE

R.T.: 20.511 min
Delta R.T.: -0.016 min
Response: 34747
Conc: 0.45 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.223 min
Delta R.T.: -0.062 min
Response: 802429
Conc: 11.61 ug/ml

Instrument :

FID_G

ClientSampleId :

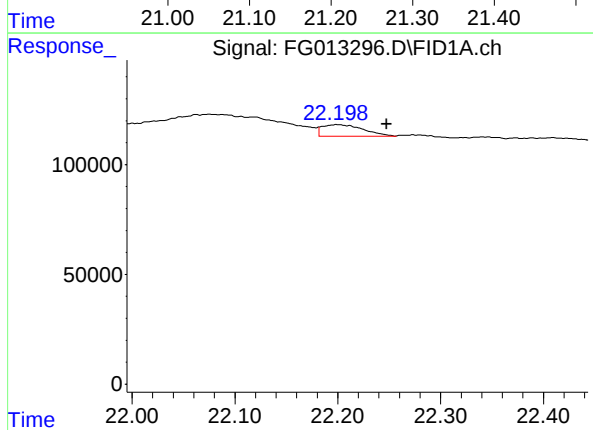
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#18 N-TETRACONTANE

R.T.: 22.198 min
Delta R.T.: -0.050 min
Response: 145174
Conc: 2.00 ug/ml m