

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121423\
 Data File : FE045844.D
 Signal(s) : FID1B.ch
 Acq On : 14 Dec 2023 13:41
 Operator : YP\AJ
 Sample : 05796-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT-SB-04-13-14MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :Ankita Jodhani 12/15/2023

Integration File: autoint1.e
 Quant Time: Dec 14 23:28:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE121423.M
 Quant Title :
 QLast Update : Thu Dec 14 11:27:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20m x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
13) S TETRACOSANE-d50 (SURR...	14.926	159929	1.281 ug/mlm
Target Compounds			
1) N-OCTANE	1.960	2719921	20.396 ug/ml
2) N-NONANE	3.239	22884	0.169 ug/mlm
3) N-DECANE	4.478	3611951	26.075 ug/ml
4) N-UNDECANE	5.622	77957	0.558 ug/mlm
5) N-DODECANE	6.647	3966889	28.478 ug/ml
6) N-TETRADECANE	8.473	4222840	30.291 ug/ml
7) N-HEXADECANE	10.083	3987216	29.019 ug/mlm
8) N-OCTADECANE	11.533	4193583	31.116 ug/mlm
9) N-EICOSANE	12.859	3141531	24.438 ug/mlm
10) N-TETRACOSANE	15.133	203992	1.660 ug/mlm
11) N-OCTACOSANE	17.108	241996	2.051 ug/mlm
12) N-DOTRIACONTANE	18.833	382921	3.227 ug/mlm
14) N-HEXATRIACONTANE	20.356	76262	0.669 ug/mlm
15) N-TETRACONTANE	21.977	46824	0.558 ug/mlm
16) N-TETRTETRACOCTANE	24.718	38970	0.943 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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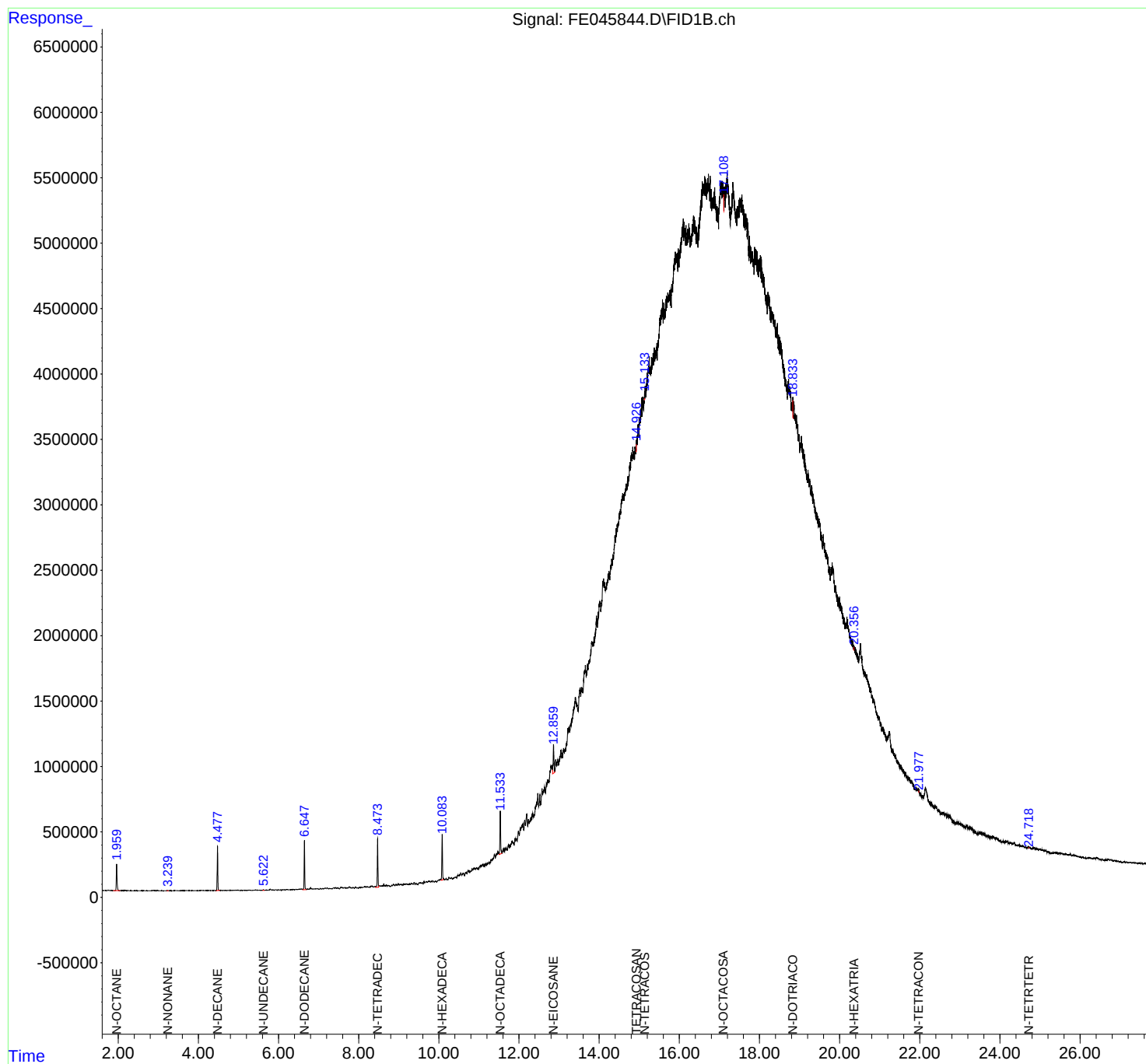
Instrument :
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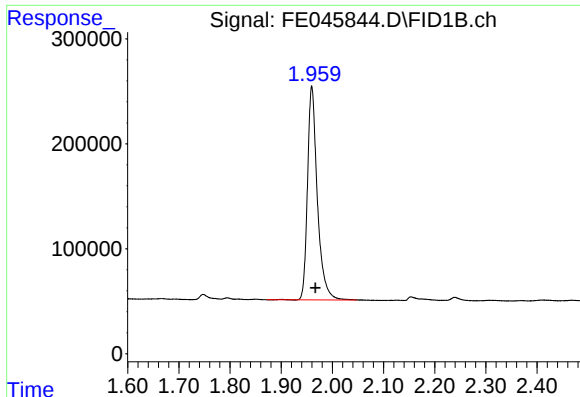
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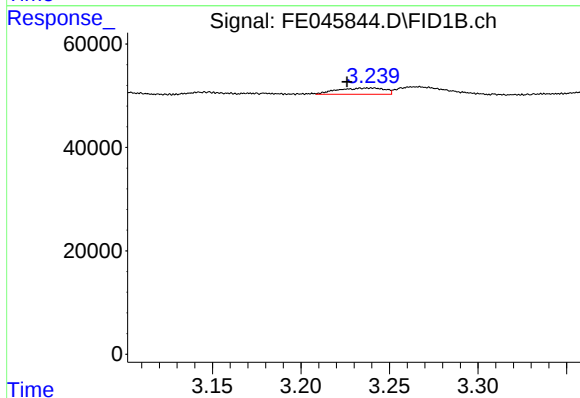
#1 N-OCTANE

R.T.: 1.960 min
Delta R.T.: -0.007 min
Response: 2719921
Conc: 20.40 ug/ml

Instrument :
FID_E
ClientSampleId :
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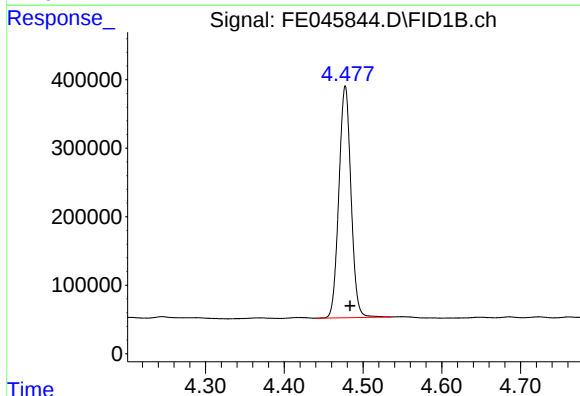
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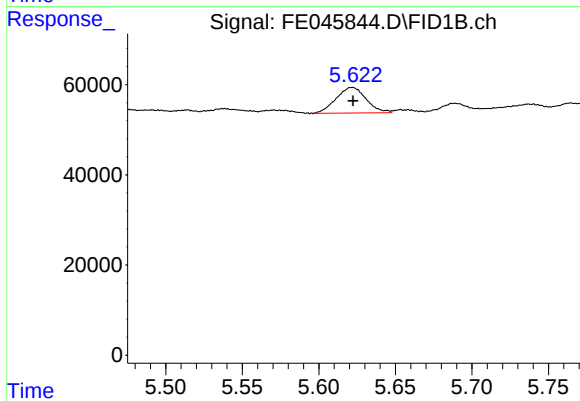
#2 N-NONANE

R.T.: 3.239 min
Delta R.T.: 0.013 min
Response: 22884
Conc: 0.17 ug/ml m



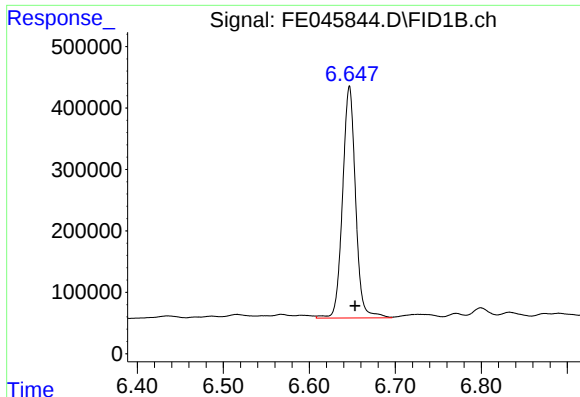
#3 N-DECANE

R.T.: 4.478 min
Delta R.T.: -0.006 min
Response: 3611951
Conc: 26.07 ug/ml



#4 N-UNDECANE

R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 77957
Conc: 0.56 ug/ml m



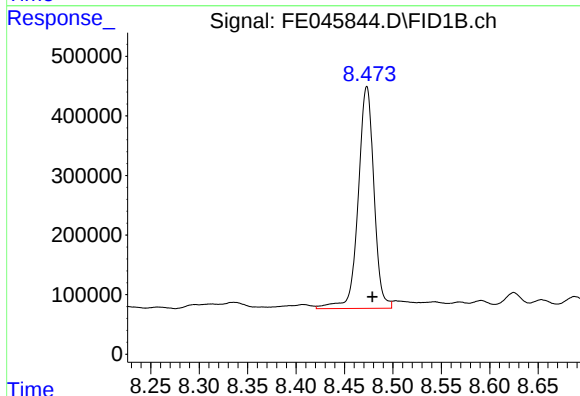
#5 N-DODECANE

R.T.: 6.647 min
Delta R.T.: -0.006 min
Response: 3966889
Conc: 28.48 ug/ml

Instrument :
FID_E
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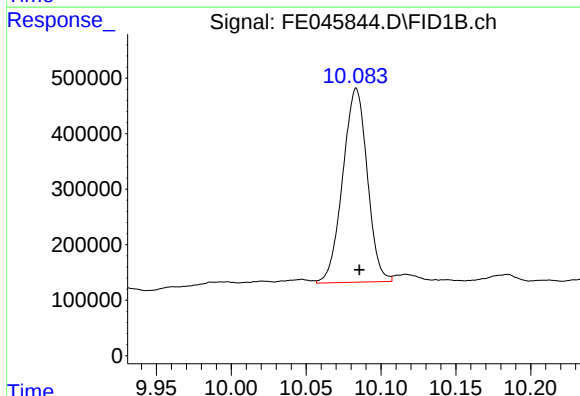
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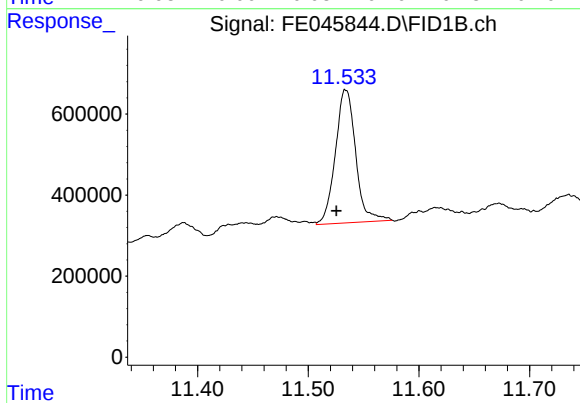
#6 N-TETRADECANE

R.T.: 8.473 min
Delta R.T.: -0.006 min
Response: 4222840
Conc: 30.29 ug/ml



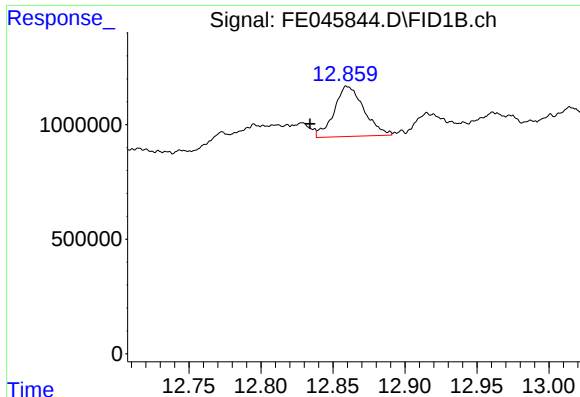
#7 N-HEXADECANE

R.T.: 10.083 min
Delta R.T.: -0.003 min
Response: 3987216
Conc: 29.02 ug/ml m



#8 N-OCTADECANE

R.T.: 11.533 min
Delta R.T.: 0.007 min
Response: 4193583
Conc: 31.12 ug/ml m



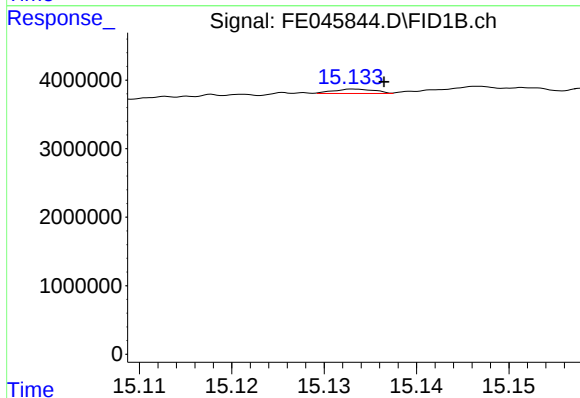
#9 N-EICOSANE

R.T.: 12.859 min
Delta R.T.: 0.024 min
Response: 3141531
Conc: 24.44 ug/ml

Instrument :
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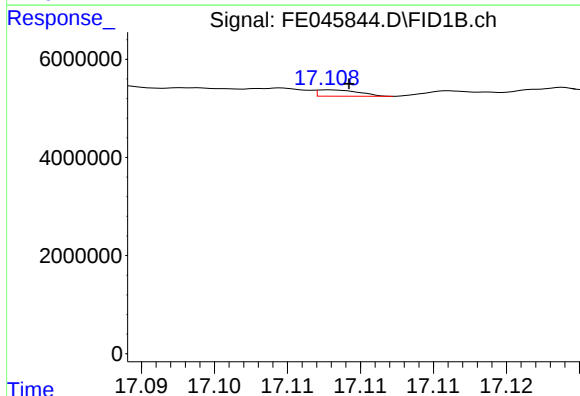
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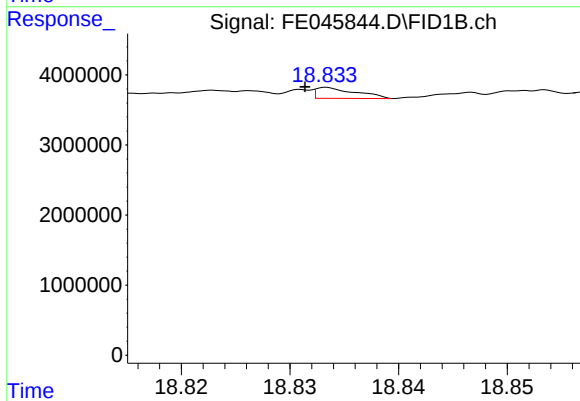
#10 N-TETRACOSANE

R.T.: 15.133 min
Delta R.T.: -0.004 min
Response: 203992
Conc: 1.66 ug/ml m



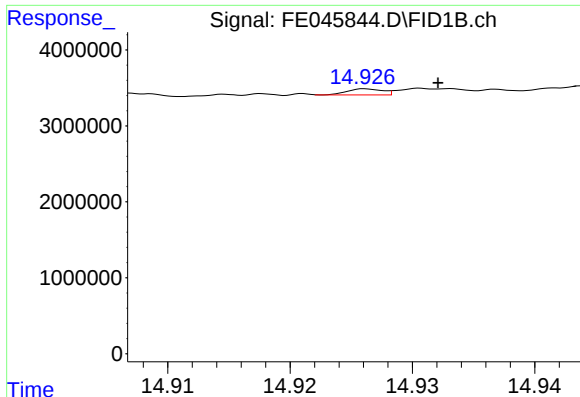
#11 N-OCTACOSANE

R.T.: 17.108 min
Delta R.T.: -0.002 min
Response: 241996
Conc: 2.05 ug/ml m



#12 N-DOTRIACONTANE

R.T.: 18.833 min
Delta R.T.: 0.002 min
Response: 382921
Conc: 3.23 ug/ml m



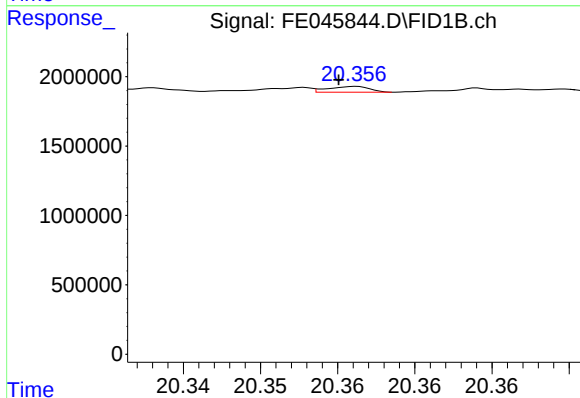
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.926 min
Delta R.T.: -0.006 min
Response: 159929
Conc: 1.28 ug/ml

Instrument :
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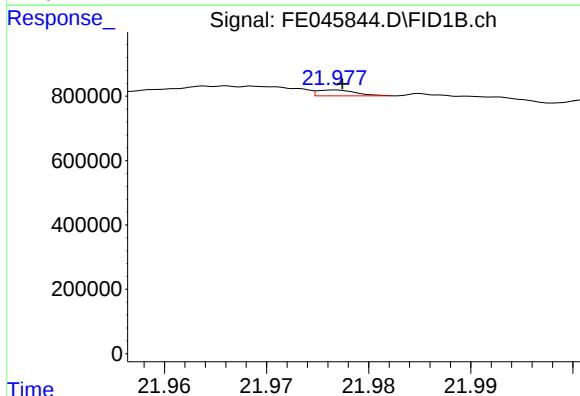
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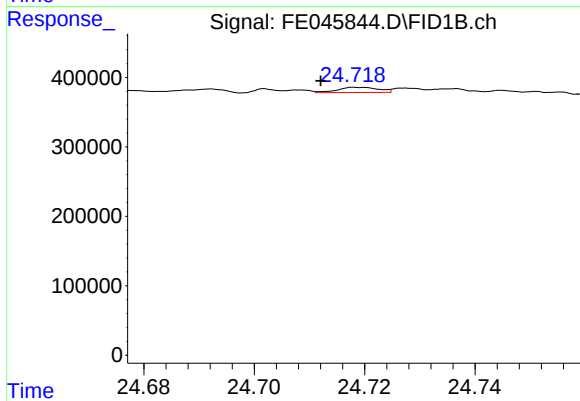
#14 N-HEXATRIACONTANE

R.T.: 20.356 min
Delta R.T.: 0.001 min
Response: 76262
Conc: 0.67 ug/ml m



#15 N-TETRACONTANE

R.T.: 21.977 min
Delta R.T.: 0.000 min
Response: 46824
Conc: 0.56 ug/ml m



#16 N-TETRTETRACOOCTANE

R.T.: 24.718 min
Delta R.T.: 0.006 min
Response: 38970
Conc: 0.94 ug/ml m