

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020224\
 Data File : FG013434.D
 Signal(s) : FID1A.ch
 Acq On : 02 Feb 2024 17:47
 Operator : YP\AJ
 Sample : P1304-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BRIGHTON-WEST-8TH-STREETMS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/05/2024
 Supervised By :Sohil Jodhani 02/05/2024

Integration File: autoint1.e
 Quant Time: Feb 05 05:04:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG020124.M
 Quant Title :
 QLast Update : Thu Feb 01 14:07:32 2024
 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...	15.073	3358653	30.000 ug/ml
Target Compounds			
1) N-OCTANE	2.058	1646214	13.900 ug/ml
2) N-DECANE	4.582	2093631	17.600 ug/ml
3) N-DODECANE	6.753	2508817	20.350 ug/ml
4) N-TETRADECANE	8.587	2625366	21.727 ug/ml
5) N-HEXADECANE	10.201	4341744	35.097 ug/ml
6) N-OCTADECANE	11.649	3241976	25.268 ug/ml
7) N-EICOSANE	12.967	4541686	36.115 ug/ml
8) N-DOCOSANE	14.168	4413046	35.661 ug/ml
10) N-TETRACOSANE	15.273	14245377	116.563 ug/ml
11) N-HEXACOSANE	16.302	3728263	31.386 ug/ml
12) N-OCTACOSANE	17.259	5658079	49.157 ug/ml
13) N-TRIACONTANE	18.148	3624376	32.472 ug/ml
14) N-DOTRIACONTANE	18.981	2717768	26.014 ug/ml
15) N-TETRATRIACONTANE	19.770	2437414	29.256 ug/ml
16) N-HEXATRIACONTANE	20.507	2591794	41.148 ug/mlm
17) N-OCTATRIACONTANE	21.263	1712347	31.224 ug/ml
18) N-TETRACONTANE	22.209	2304044	43.990 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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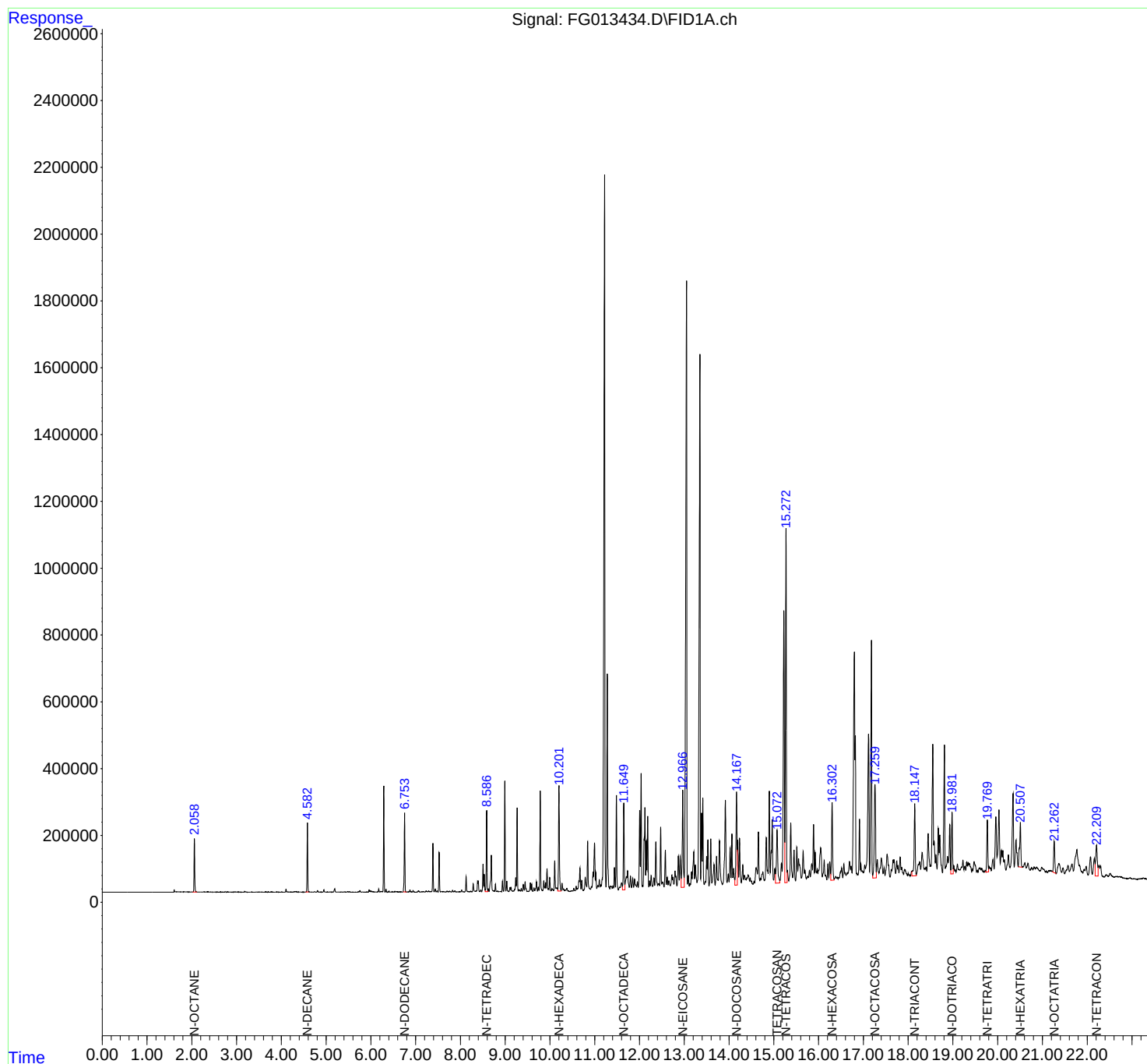
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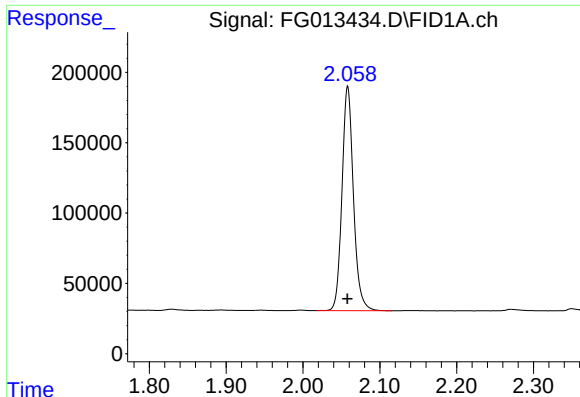
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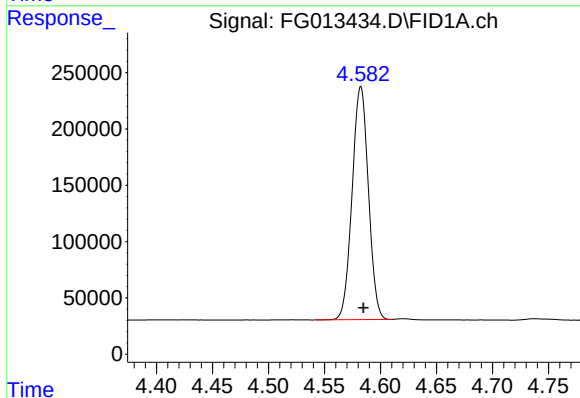
#1 N-OCTANE

R.T.: 2.058 min
Delta R.T.: 0.000 min
Response: 1646214
Conc: 13.90 ug/ml

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FID_G
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BRIGHTON-WEST-8TH-STREETMS

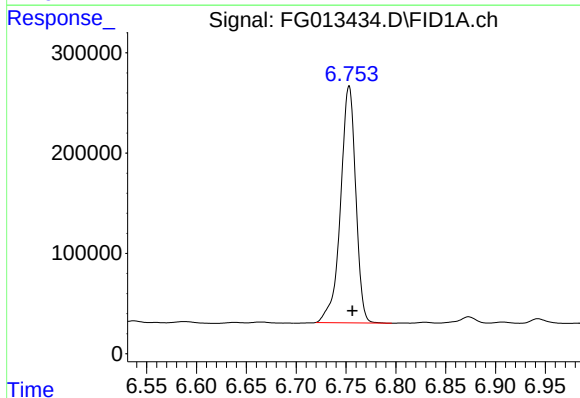
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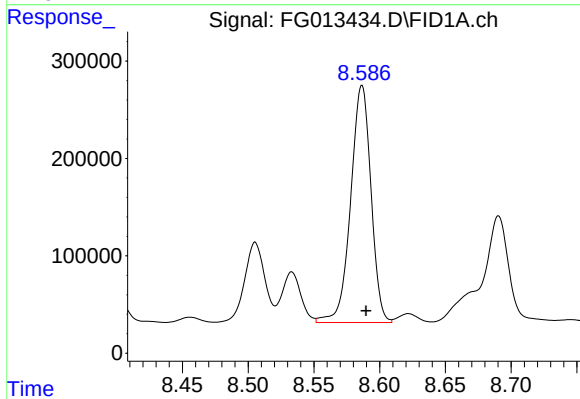
#2 N-DECANE

R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 2093631
Conc: 17.60 ug/ml



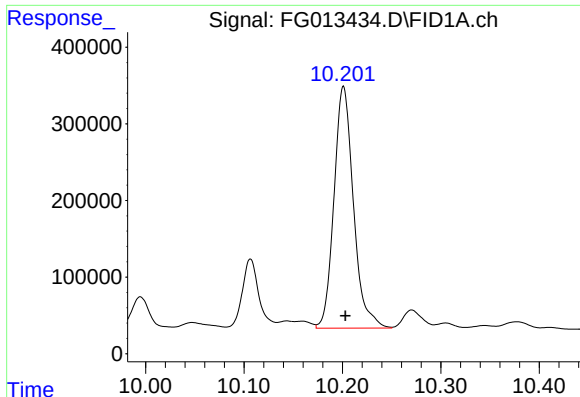
#3 N-DODECANE

R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 2508817
Conc: 20.35 ug/ml



#4 N-TETRADECANE

R.T.: 8.587 min
Delta R.T.: -0.003 min
Response: 2625366
Conc: 21.73 ug/ml



#5 N-HEXADECANE

R.T.: 10.201 min
Delta R.T.: -0.002 min
Response: 4341744
Conc: 35.10 ug/ml

Instrument :

FID_G

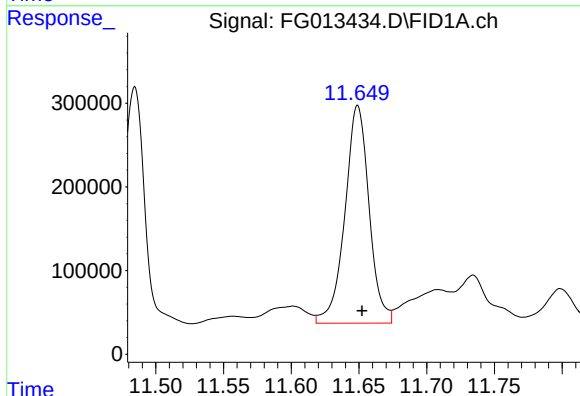
ClientSampleId :

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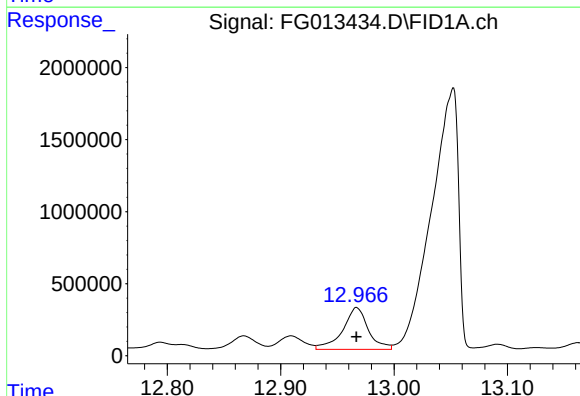
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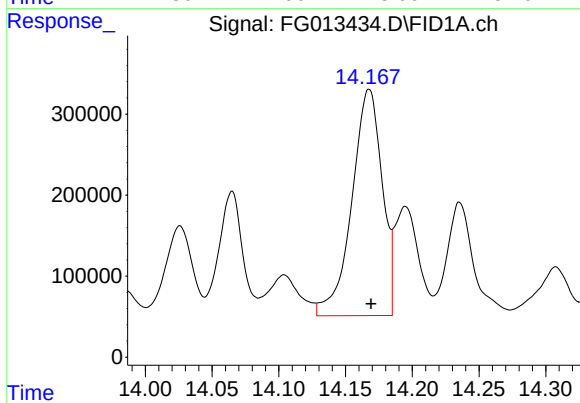
#6 N-OCTADECANE

R.T.: 11.649 min
Delta R.T.: -0.003 min
Response: 3241976
Conc: 25.27 ug/ml



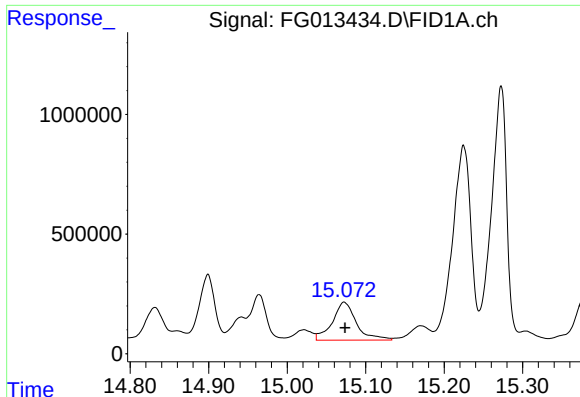
#7 N-EICOSANE

R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 4541686
Conc: 36.11 ug/ml



#8 N-DOCOSANE

R.T.: 14.168 min
Delta R.T.: -0.001 min
Response: 4413046
Conc: 35.66 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.073 min
Delta R.T.: 0.000 min
Response: 3358653
Conc: 30.00 ug/ml

Instrument :

FID_G

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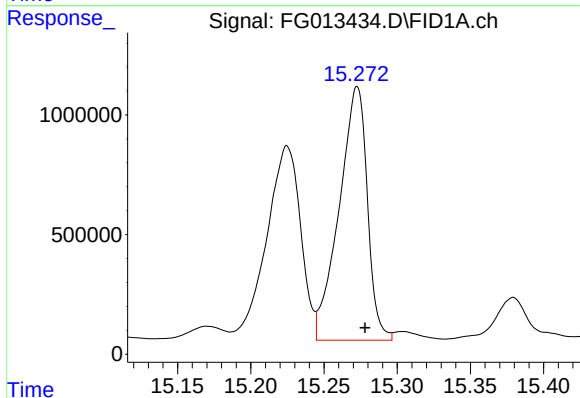
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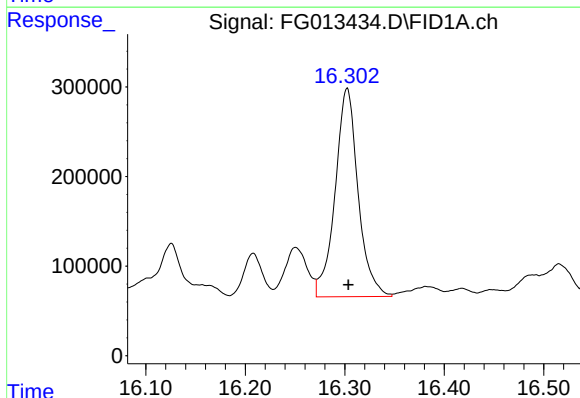
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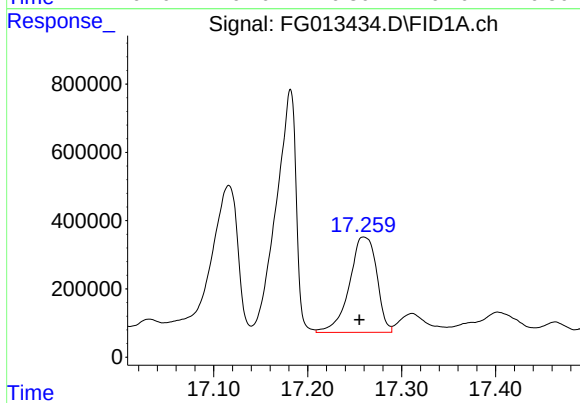
#10 N-TETRACOSANE

R.T.: 15.273 min
Delta R.T.: -0.005 min
Response: 14245377
Conc: 116.56 ug/ml



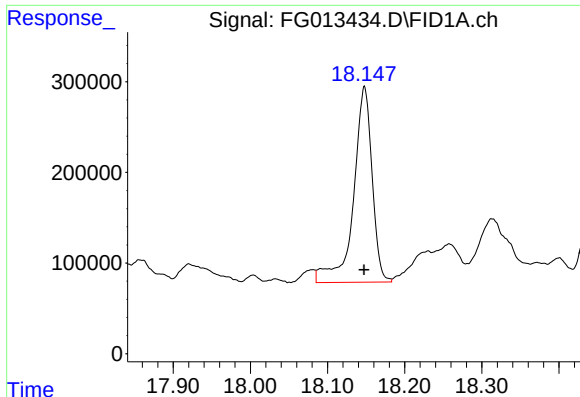
#11 N-HEXACOSANE

R.T.: 16.302 min
Delta R.T.: -0.001 min
Response: 3728263
Conc: 31.39 ug/ml



#12 N-OCTACOSANE

R.T.: 17.259 min
Delta R.T.: 0.004 min
Response: 5658079
Conc: 49.16 ug/ml



#13 N-TRIACONTANE

R.T.: 18.148 min
Delta R.T.: 0.000 min
Response: 3624376
Conc: 32.47 ug/ml

Instrument :

FID_G

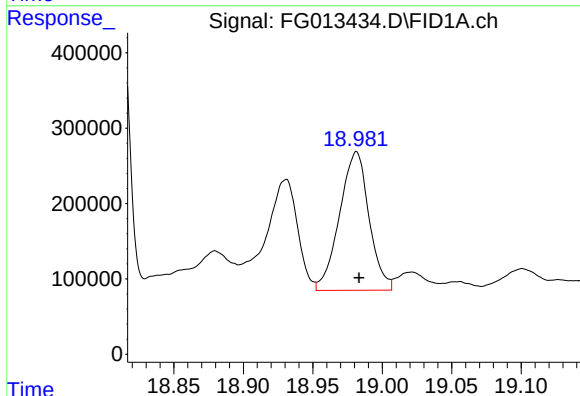
ClientSampleId :

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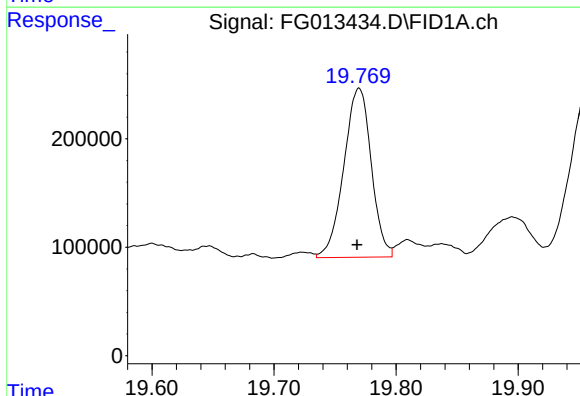
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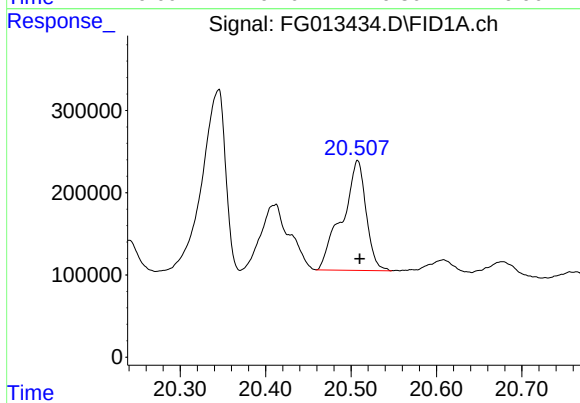
#14 N-DOTRIACONTANE

R.T.: 18.981 min
Delta R.T.: -0.002 min
Response: 2717768
Conc: 26.01 ug/ml



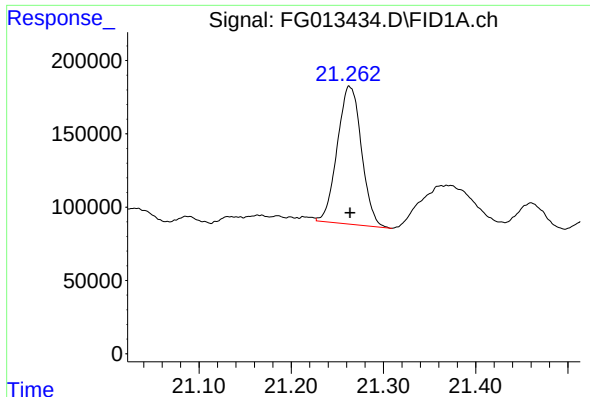
#15 N-TETRATRIACONTANE

R.T.: 19.770 min
Delta R.T.: 0.002 min
Response: 2437414
Conc: 29.26 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.507 min
Delta R.T.: -0.003 min
Response: 2591794
Conc: 41.15 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.263 min
Delta R.T.: 0.000 min
Response: 1712347
Conc: 31.22 ug/ml

Instrument :

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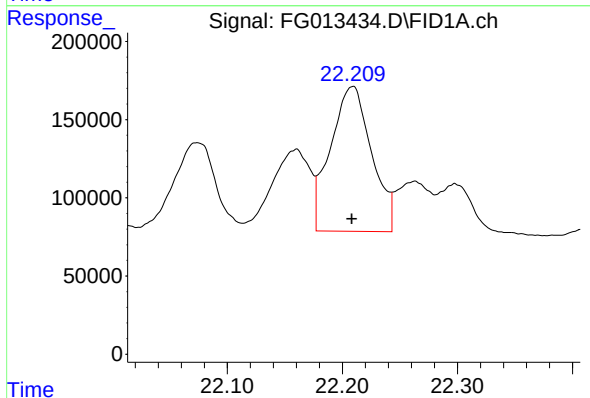
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#18 N-TETRACONTANE

R.T.: 22.209 min
Delta R.T.: 0.000 min
Response: 2304044
Conc: 43.99 ug/ml