

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020224\
 Data File : FG013435.D
 Signal(s) : FID1A.ch
 Acq On : 02 Feb 2024 18:16
 Operator : YP\AJ
 Sample : P1304-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

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 05:04:59 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...	15.072	3310372	29.568 ug/ml
Target Compounds			
1) N-OCTANE	2.060	1678139	14.169 ug/ml
2) N-DECANE	4.583	2139677	17.987 ug/ml
3) N-DODECANE	6.753	2557156	20.742 ug/ml
4) N-TETRADECANE	8.587	2671845	22.112 ug/ml
5) N-HEXADECANE	10.202	4373957	35.357 ug/ml
6) N-OCTADECANE	11.650	3252638	25.351 ug/ml
7) N-EICOSANE	12.967	4516367	35.913 ug/ml
8) N-DOCOSANE	14.168	4382455	35.413 ug/ml
10) N-TETRACOSANE	15.274	14041582	114.896 ug/ml
11) N-HEXACOSANE	16.302	3611335	30.402 ug/ml
12) N-OCTACOSANE	17.264	5560671	48.310 ug/ml
13) N-TRIACONTANE	18.148	3811388	34.147 ug/ml
14) N-DOTRIACONTANE	18.981	2641856	25.288 ug/ml
15) N-TETRATRIACONTANE	19.770	2426101	29.120 ug/ml
16) N-HEXATRIACONTANE	20.508	2648112	42.042 ug/mlm
17) N-OCTATRIACONTANE	21.266	1662705	30.319 ug/ml
18) N-TETRACONTANE	22.212	2313802	44.176 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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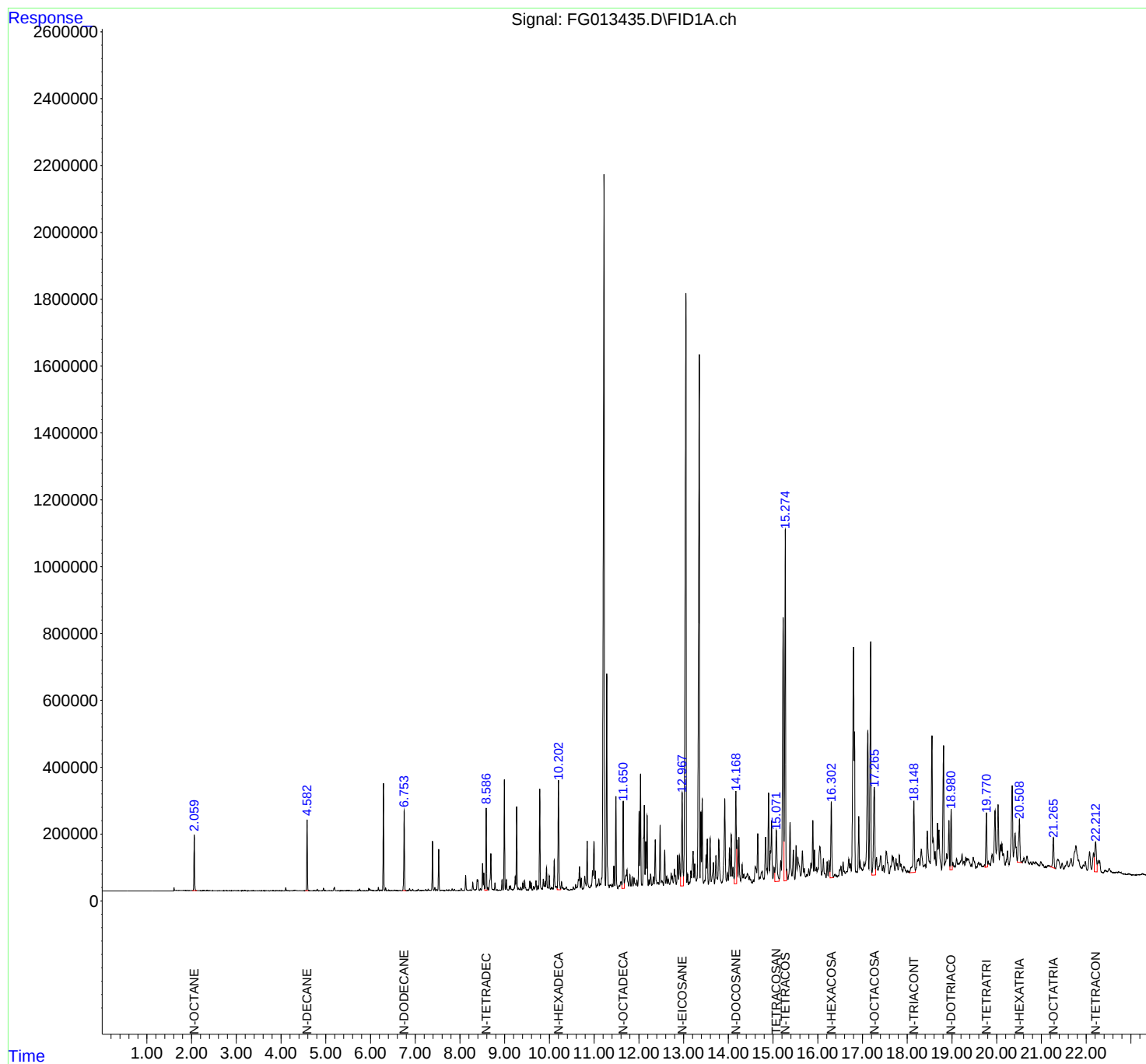
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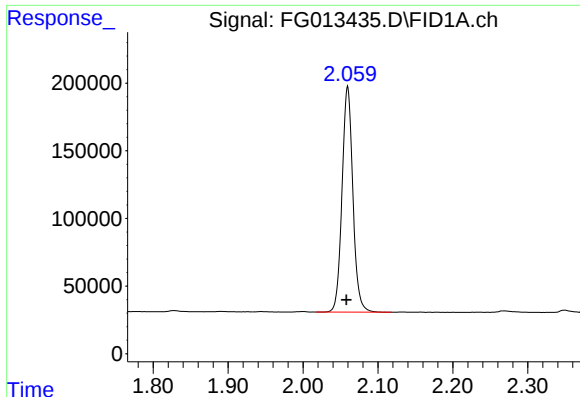
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Integrator: ChemStation

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





#1 N-OCTANE

R.T.: 2.060 min
Delta R.T.: 0.002 min
Response: 1678139
Conc: 14.17 ug/ml

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FID_G

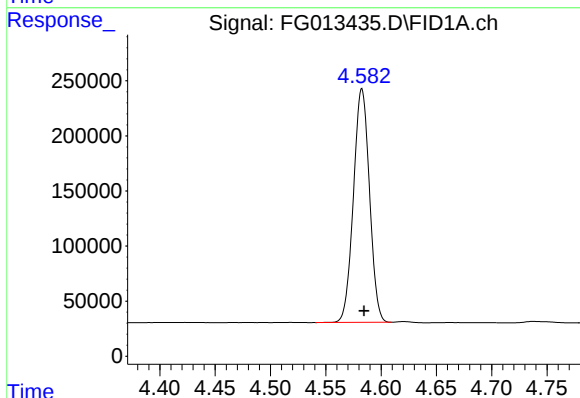
ClientSampleId :

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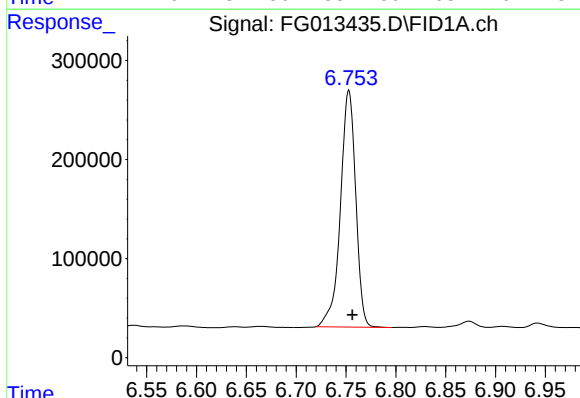
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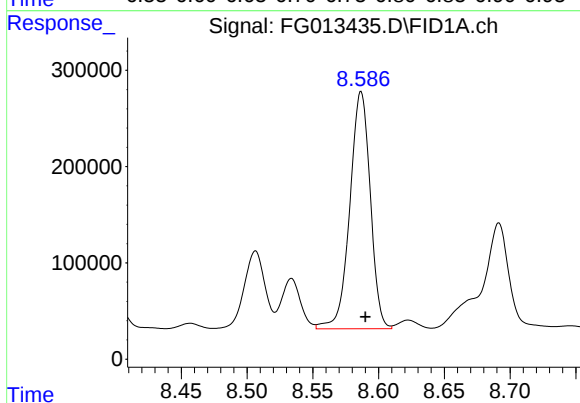
#2 N-DECANE

R.T.: 4.583 min
Delta R.T.: -0.002 min
Response: 2139677
Conc: 17.99 ug/ml



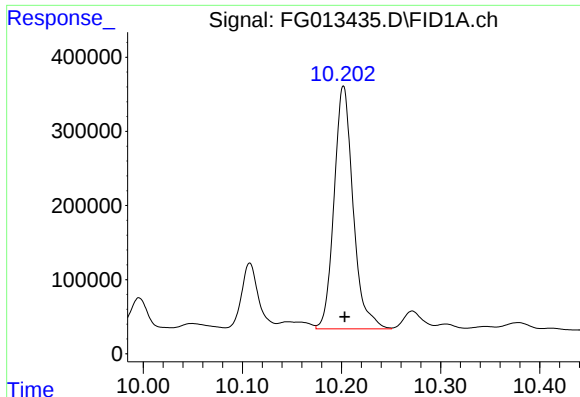
#3 N-DODECANE

R.T.: 6.753 min
Delta R.T.: -0.004 min
Response: 2557156
Conc: 20.74 ug/ml



#4 N-TETRADECANE

R.T.: 8.587 min
Delta R.T.: -0.003 min
Response: 2671845
Conc: 22.11 ug/ml



#5 N-HEXADECANE

R.T.: 10.202 min
Delta R.T.: -0.001 min
Response: 4373957
Conc: 35.36 ug/ml

Instrument :

FID_G

ClientSampleId :

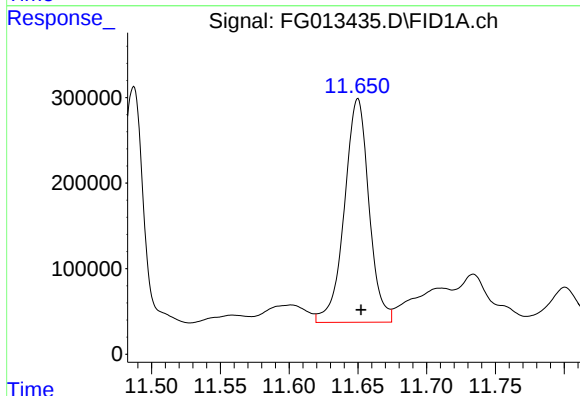
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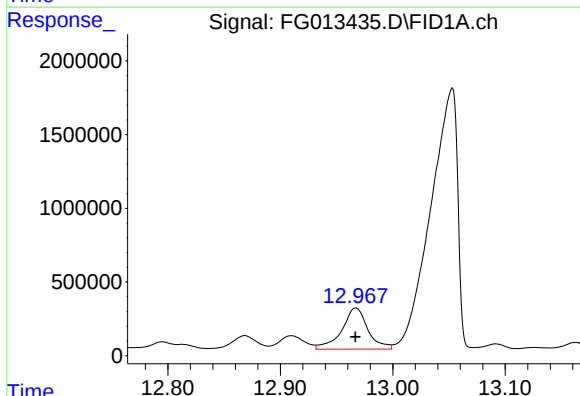
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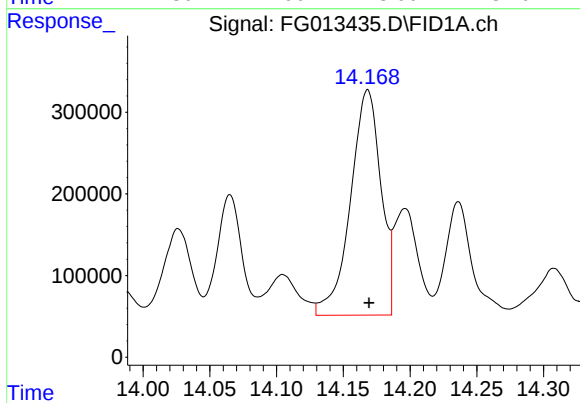
#6 N-OCTADECANE

R.T.: 11.650 min
Delta R.T.: -0.002 min
Response: 3252638
Conc: 25.35 ug/ml



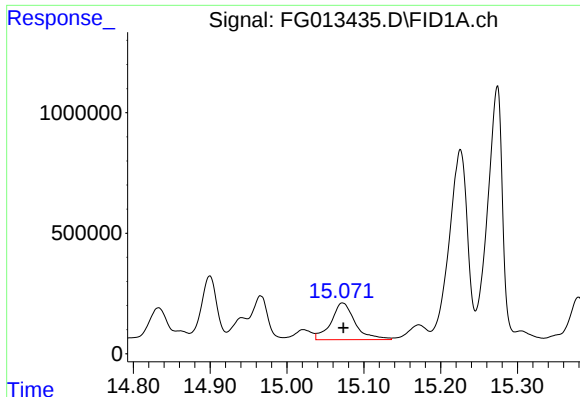
#7 N-EICOSANE

R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 4516367
Conc: 35.91 ug/ml



#8 N-DOCOSANE

R.T.: 14.168 min
Delta R.T.: 0.000 min
Response: 4382455
Conc: 35.41 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.072 min
Delta R.T.: -0.001 min
Response: 3310372
Conc: 29.57 ug/ml

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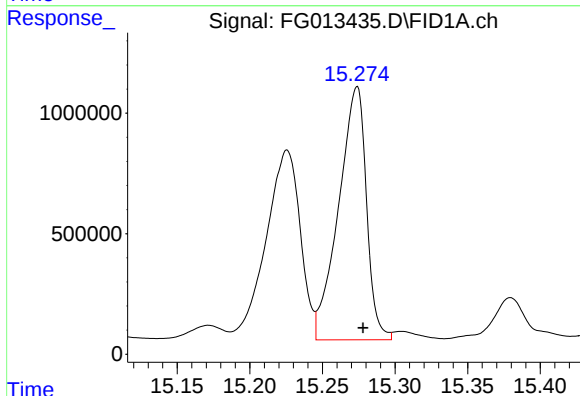
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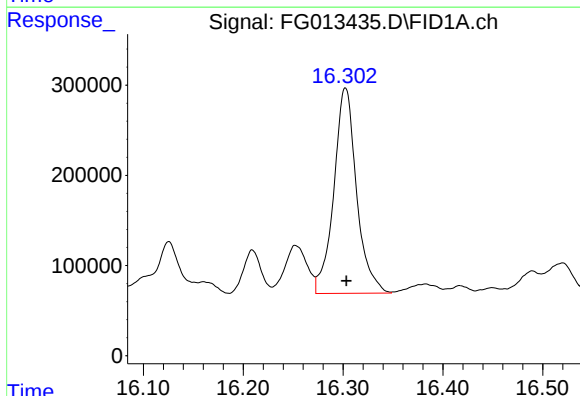
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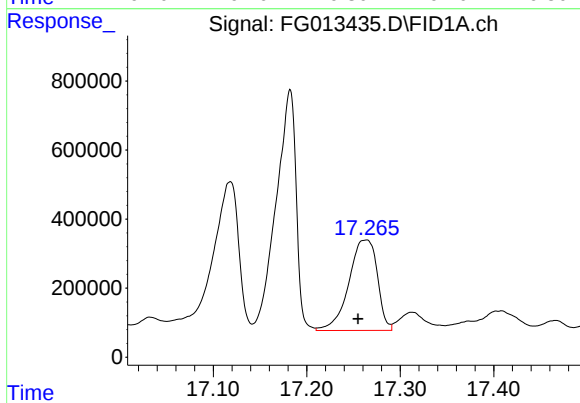
#10 N-TETRACOSANE

R.T.: 15.274 min
Delta R.T.: -0.004 min
Response: 14041582
Conc: 114.90 ug/ml



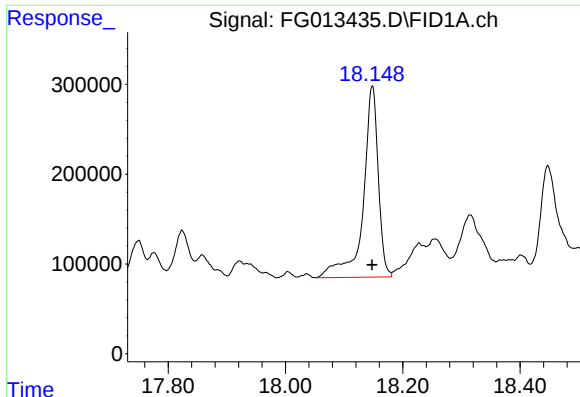
#11 N-HEXACOSANE

R.T.: 16.302 min
Delta R.T.: -0.001 min
Response: 3611335
Conc: 30.40 ug/ml



#12 N-OCTACOSANE

R.T.: 17.264 min
Delta R.T.: 0.009 min
Response: 5560671
Conc: 48.31 ug/ml



#13 N-TRIACONTANE

R.T.: 18.148 min
Delta R.T.: 0.000 min
Response: 3811388
Conc: 34.15 ug/ml

Instrument :

FID_G

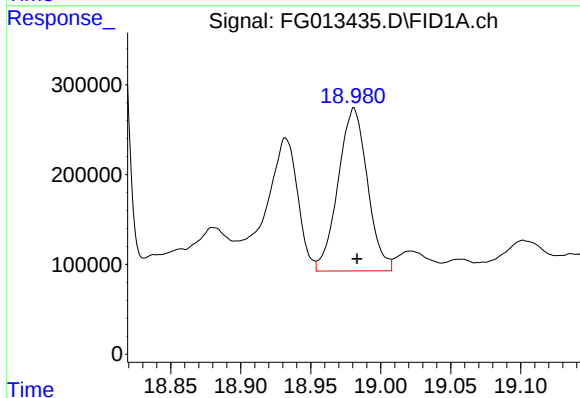
ClientSampleId :

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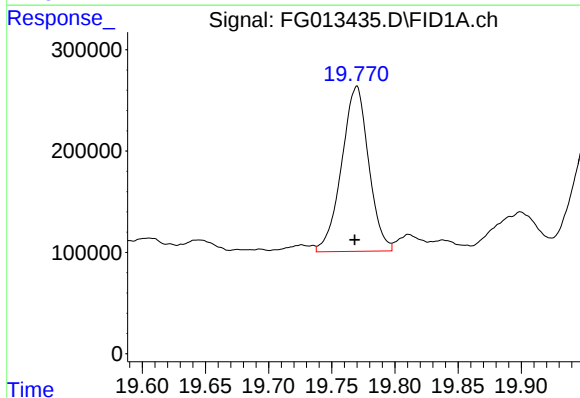
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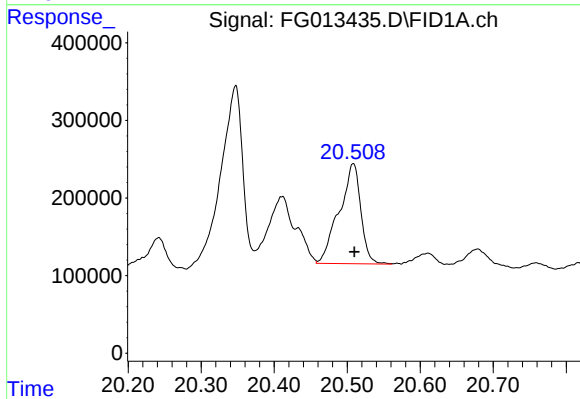
#14 N-DOTRIACONTANE

R.T.: 18.981 min
Delta R.T.: -0.002 min
Response: 2641856
Conc: 25.29 ug/ml



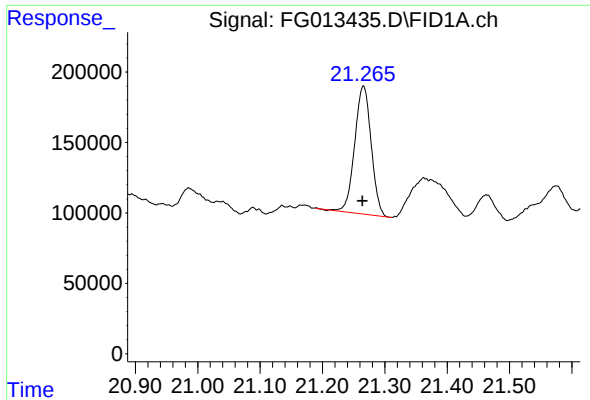
#15 N-TETRATRIACONTANE

R.T.: 19.770 min
Delta R.T.: 0.002 min
Response: 2426101
Conc: 29.12 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.508 min
Delta R.T.: -0.002 min
Response: 2648112
Conc: 42.04 ug/ml m



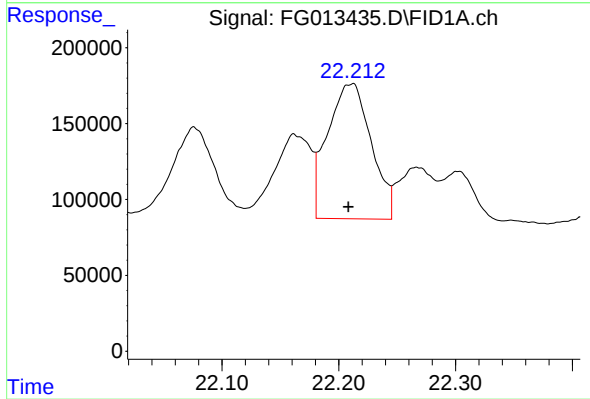
#17 N-OCTATRIACONTANE

R.T.: 21.266 min
Delta R.T.: 0.002 min
Response: 1662705
Conc: 30.32 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.212 min
Delta R.T.: 0.004 min
Response: 2313802
Conc: 44.18 ug/ml