

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120224\
 Data File : FG014918.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2024 17:37
 Operator : YP\AJ
 Sample : P5026-07MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SOIL-1-HAM-TPH2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/03/2024
 Supervised By :Ankita Jodhani 12/03/2024

Integration File: autoint1.e
 Quant Time: Dec 03 01:59:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112024.M
 Quant Title :
 QLast Update : Thu Nov 21 02:41:43 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...	15.040	1485885	12.876 ug/ml
Target Compounds			
1) N-OCTANE	2.055	1577076	11.894 ug/ml
2) N-DECANE	4.566	1901337	14.249 ug/ml
3) N-DODECANE	6.737	1998981	14.528 ug/ml
4) N-TETRADECANE	8.569	2043935	15.332 ug/ml
5) N-HEXADECANE	10.181	2041547	15.169 ug/ml
6) N-OCTADECANE	11.626	2064667	15.039 ug/ml
7) N-EICOSANE	12.938	2061572	15.557 ug/ml
8) N-DOCOSANE	14.140	1979639	15.344 ug/ml
10) N-TETRACOSANE	15.244	1942368	15.338 ug/ml
11) N-HEXACOSANE	16.266	1913168	15.550 ug/ml
12) N-OCTACOSANE	17.217	1859497	15.370 ug/ml
13) N-TRIACONTANE	18.104	1854348	15.465 ug/ml
14) N-DOTRIACONTANE	18.937	1805624	15.523 ug/ml
15) N-TETRATRIACONTANE	19.721	1646426	16.323 ug/mlm
16) N-HEXATRIACONTANE	20.461	1483598	18.295 ug/ml
17) N-OCTATRIACONTANE	21.209	1421176	20.578 ug/ml
18) N-TETRACONTANE	22.145	1298565	21.050 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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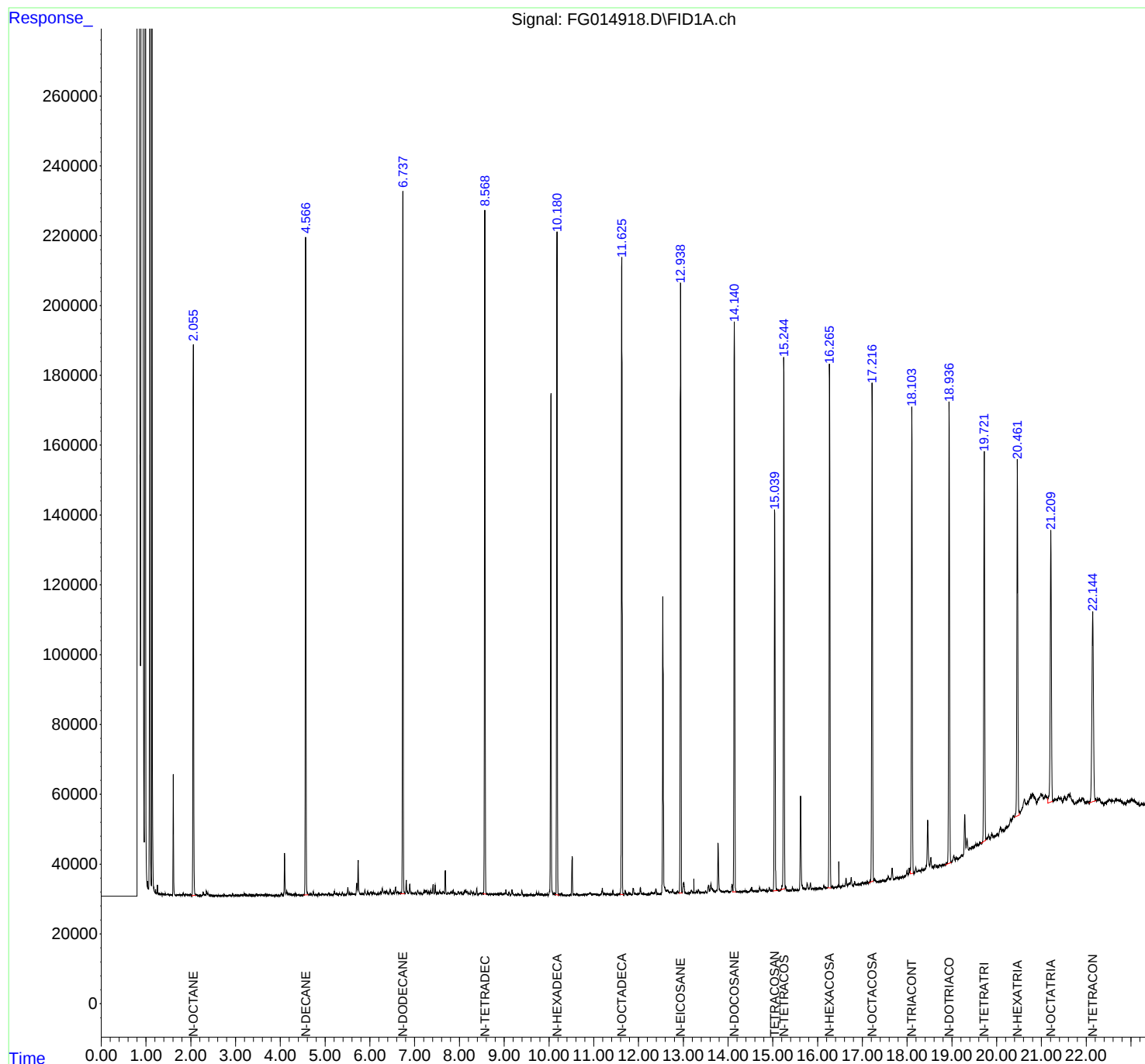
APPROVED

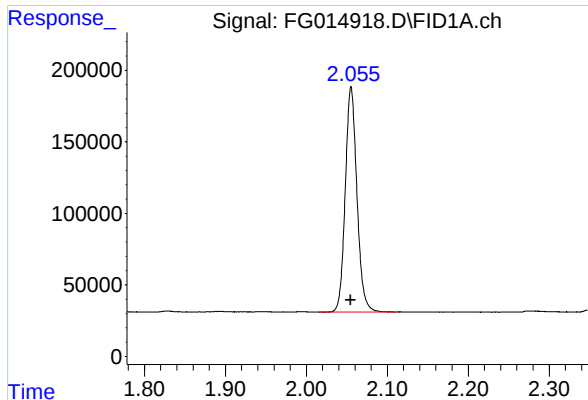
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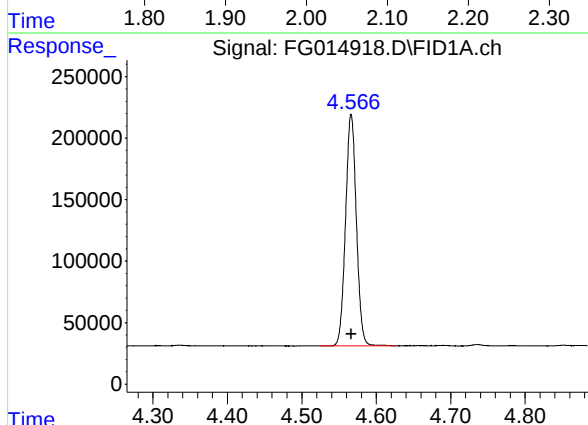
#1 N-OCTANE

R.T.: 2.055 min
Delta R.T.: 0.000 min
Response: 1577076
Conc: 11.89 ug/ml

Instrument :
FID_G
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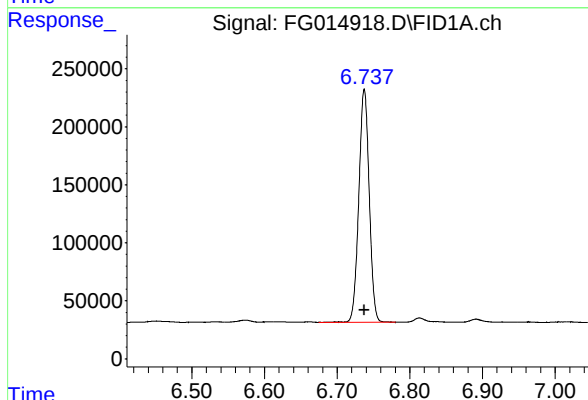
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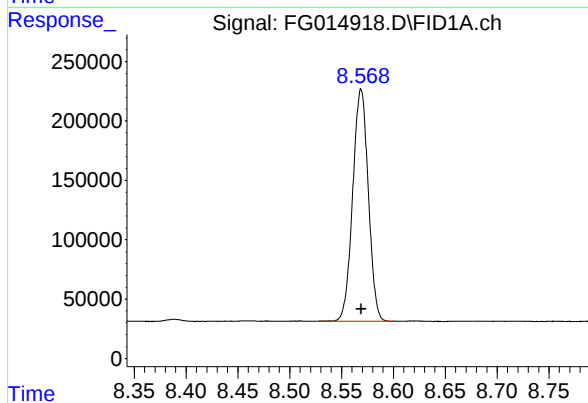
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 1901337
Conc: 14.25 ug/ml



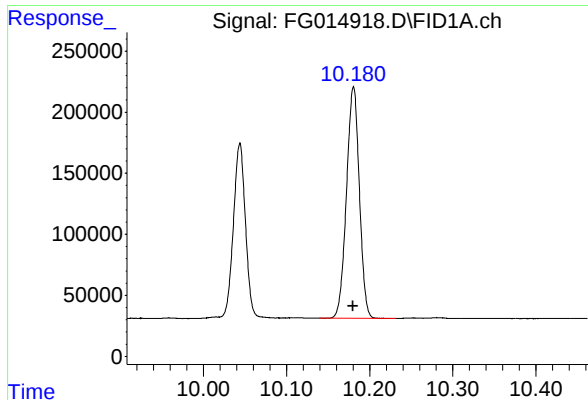
#3 N-DODECANE

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 1998981
Conc: 14.53 ug/ml



#4 N-TETRADECANE

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 2043935
Conc: 15.33 ug/ml



#5 N-HEXADECANE

R.T.: 10.181 min
Delta R.T.: 0.000 min
Response: 2041547
Conc: 15.17 ug/ml

Instrument :

FID_G

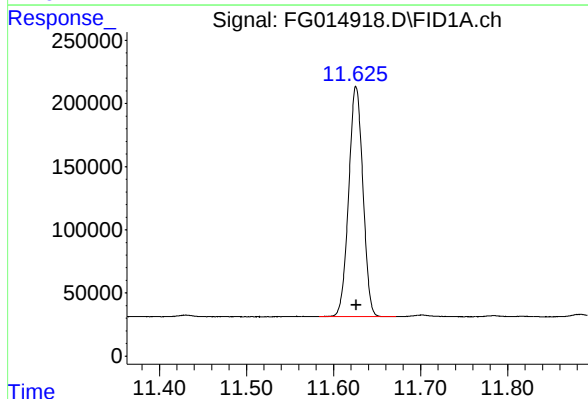
ClientSampleId :

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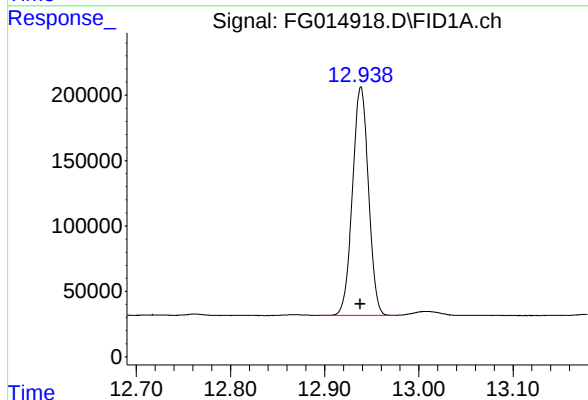
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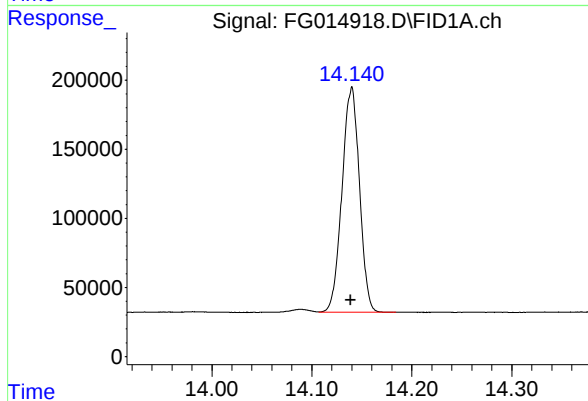
#6 N-OCTADECANE

R.T.: 11.626 min
Delta R.T.: 0.000 min
Response: 2064667
Conc: 15.04 ug/ml



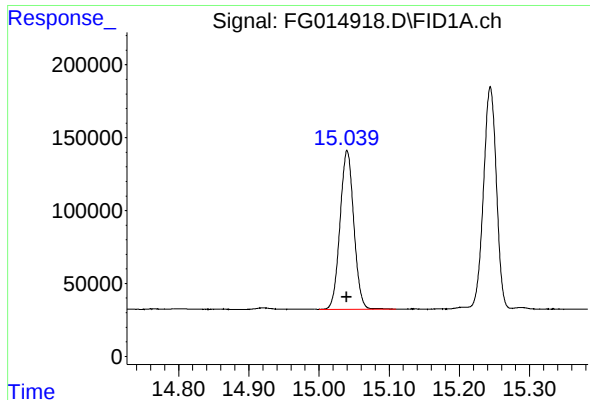
#7 N-EICOSANE

R.T.: 12.938 min
Delta R.T.: 0.000 min
Response: 2061572
Conc: 15.56 ug/ml



#8 N-DOCOSANE

R.T.: 14.140 min
Delta R.T.: 0.000 min
Response: 1979639
Conc: 15.34 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.040 min
Delta R.T.: 0.000 min
Response: 1485885
Conc: 12.88 ug/ml

Instrument :

FID_G

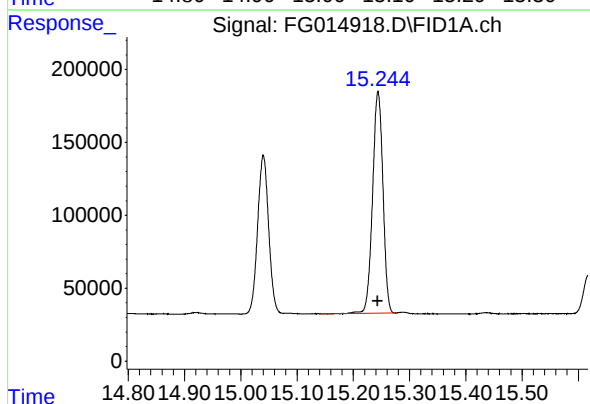
ClientSampleId :

SOIL-1-HAM-TPH2MS

Manual Integrations

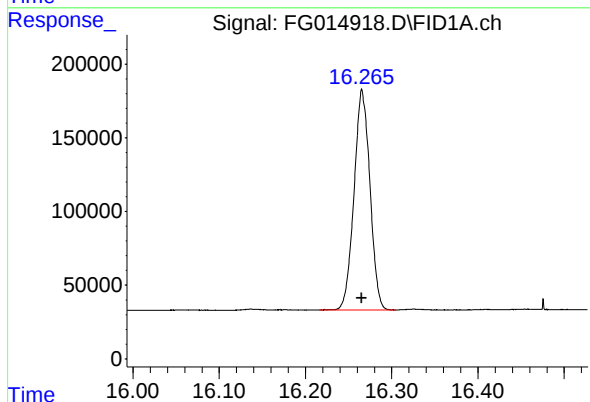
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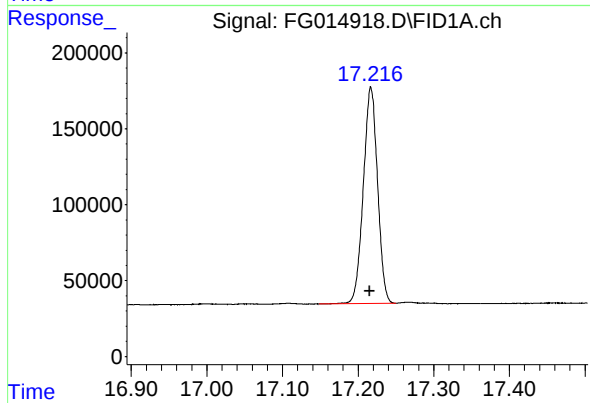
#10 N-TETRACOSANE

R.T.: 15.244 min
Delta R.T.: 0.001 min
Response: 1942368
Conc: 15.34 ug/ml



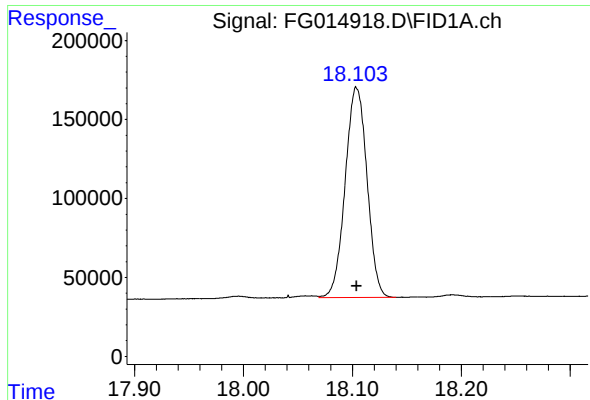
#11 N-HEXACOSANE

R.T.: 16.266 min
Delta R.T.: 0.000 min
Response: 1913168
Conc: 15.55 ug/ml



#12 N-OCTACOSANE

R.T.: 17.217 min
Delta R.T.: 0.002 min
Response: 1859497
Conc: 15.37 ug/ml



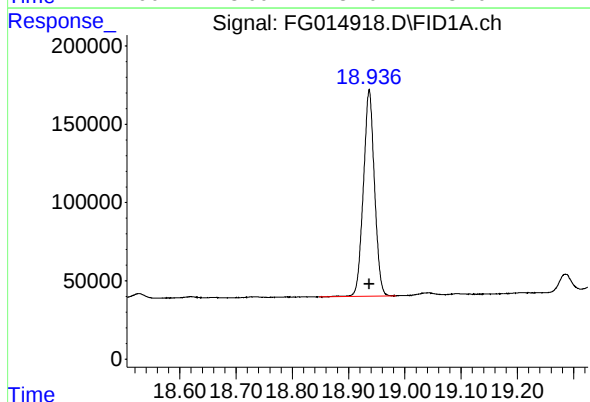
#13 N-TRIACONTANE

R.T.: 18.104 min
Delta R.T.: 0.000 min
Response: 1854348
Conc: 15.46 ug/ml

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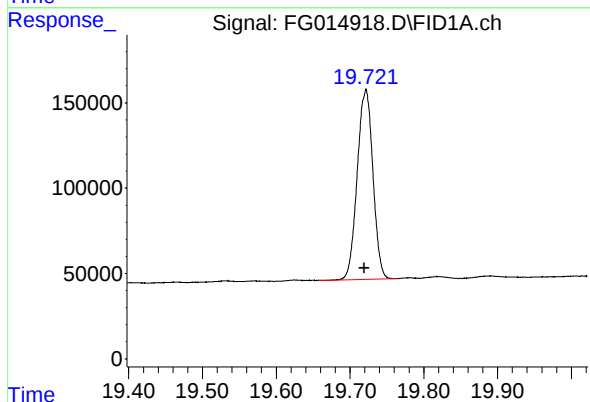
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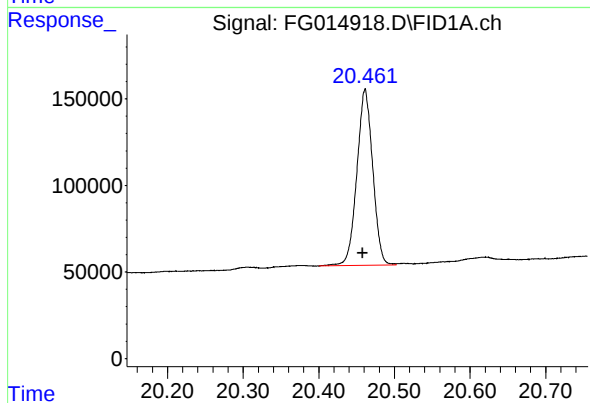
#14 N-DOTRIACONTANE

R.T.: 18.937 min
Delta R.T.: 0.000 min
Response: 1805624
Conc: 15.52 ug/ml



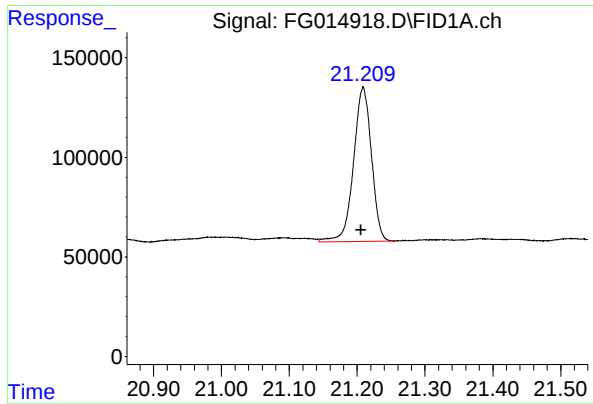
#15 N-TETRATRIACONTANE

R.T.: 19.721 min
Delta R.T.: 0.002 min
Response: 1646426
Conc: 16.32 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.461 min
Delta R.T.: 0.003 min
Response: 1483598
Conc: 18.29 ug/ml



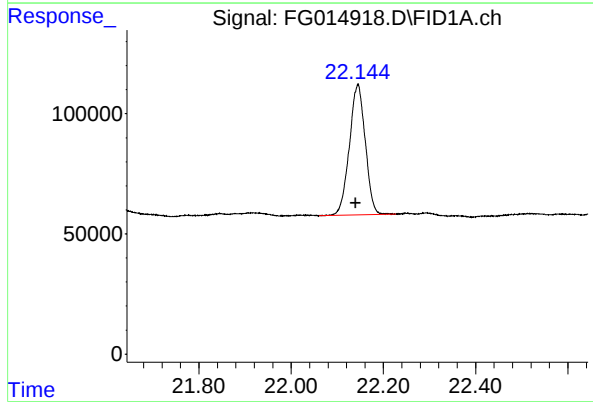
#17 N-OCTATRIACONTANE

R.T.: 21.209 min
Delta R.T.: 0.003 min
Response: 1421176
Conc: 20.58 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.145 min
Delta R.T.: 0.005 min
Response: 1298565
Conc: 21.05 ug/ml