

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090425\
 Data File : FG016548.D
 Signal(s) : FID1A.ch
 Acq On : 04 Sep 2025 15:45
 Operator : YP\AJ
 Sample : PB169544BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB169544BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/05/2025
 Supervised By :mohammad ahmed 09/08/2025

Integration File: Sample.e
 Quant Time: Sep 05 03:47:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Thu Sep 04 10:24:25 2025
 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...	15.180	1622321	17.028 ug/ml
Target Compounds			
1) N-OCTANE	2.105	1446878	13.634 ug/ml
2) N-DECANE	4.650	1728764	15.997 ug/ml
3) N-DODECANE	6.832	1765690	16.247 ug/ml
4) N-TETRADECANE	8.673	1795218	16.419 ug/ml
5) N-HEXADECANE	10.292	1810169	16.653 ug/ml
6) N-OCTADECANE	11.746	1853456	16.756 ug/ml
7) N-EICOSANE	13.066	1905011	16.855 ug/ml
8) N-DOCOSANE	14.274	1848063	16.822 ug/ml
10) N-TETRACOSANE	15.386	1836529	16.761 ug/ml
11) N-HEXACOSANE	16.415	1785995	16.700 ug/ml
12) N-OCTACOSANE	17.371	1786864	16.586 ug/ml
13) N-TRIACONTANE	18.265	1911506	17.543 ug/mlm
14) N-DOTRIACONTANE	19.102	1911670	18.149 ug/mlm
15) N-TETRATRIACONTANE	19.891	1655793	17.377 ug/ml
16) N-HEXATRIACONTANE	20.636	1393729	18.653 ug/mlm
17) N-OCTATRIACONTANE	21.424	1207219	20.134 ug/mlm
18) N-TETRACONTANE	22.418	1166296	27.748 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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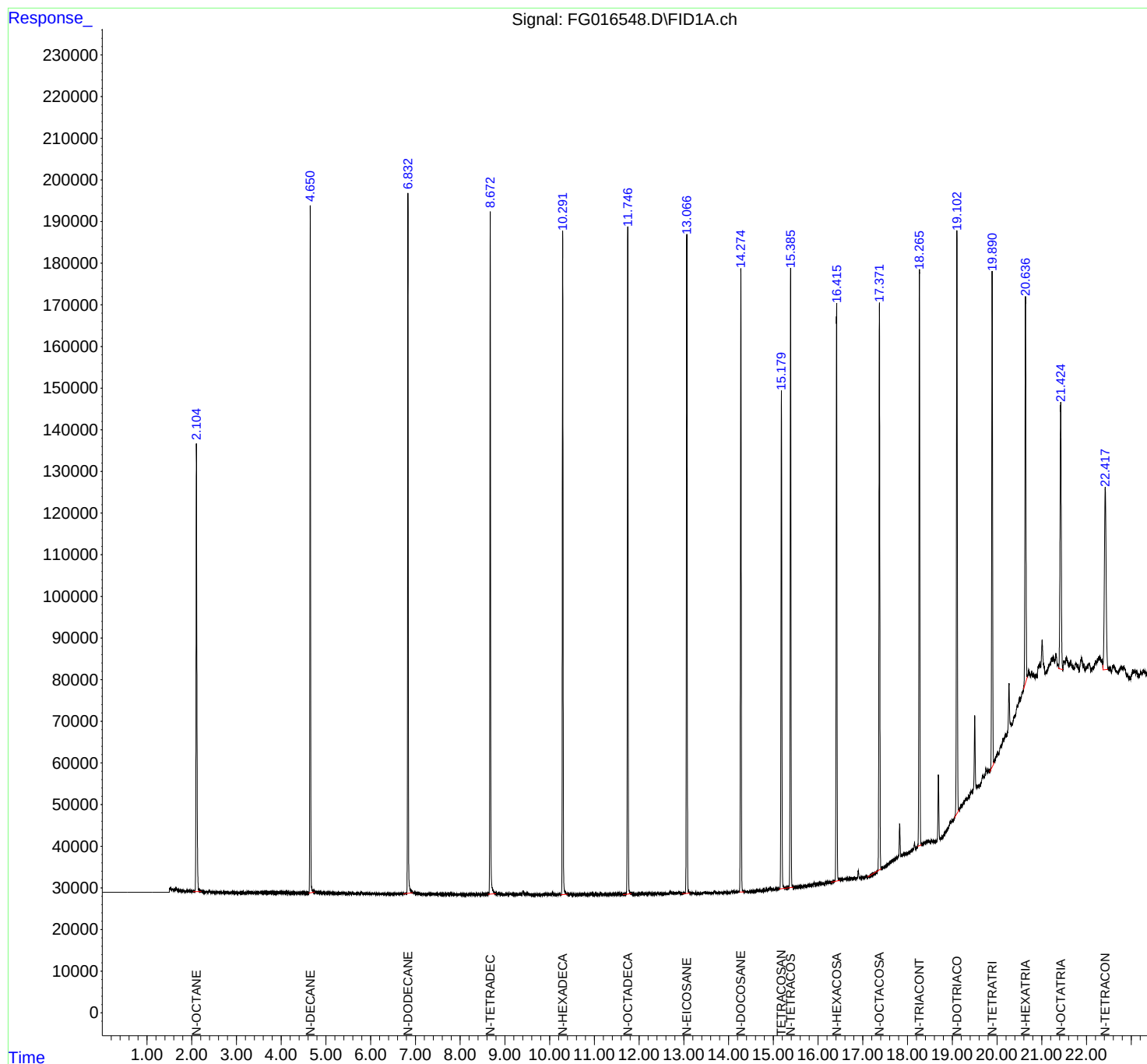
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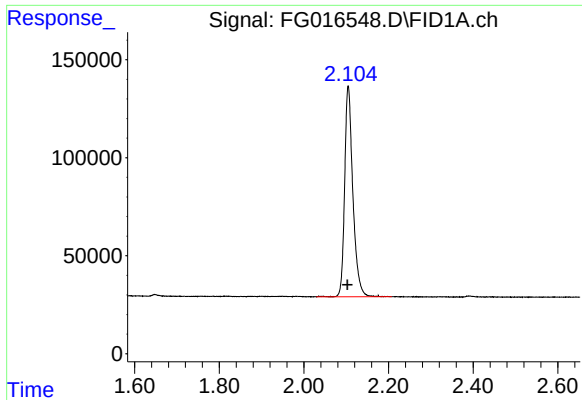
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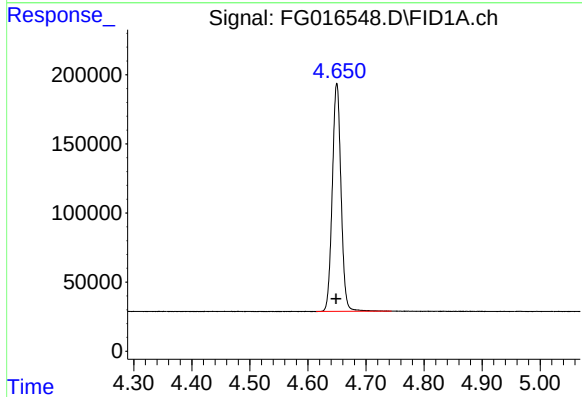
#1 N-OCTANE

R.T.: 2.105 min
Delta R.T.: 0.002 min
Response: 1446878
Conc: 13.63 ug/ml

Instrument :
FID_G
ClientSampleId :
PB169544BS

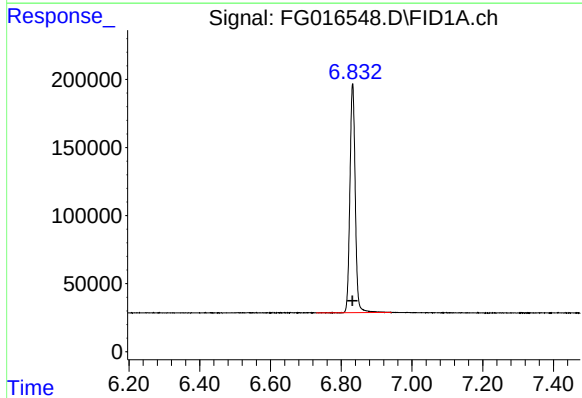
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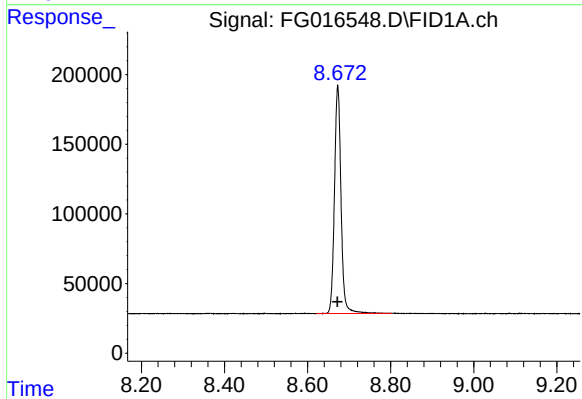
#2 N-DECANE

R.T.: 4.650 min
Delta R.T.: 0.001 min
Response: 1728764
Conc: 16.00 ug/ml



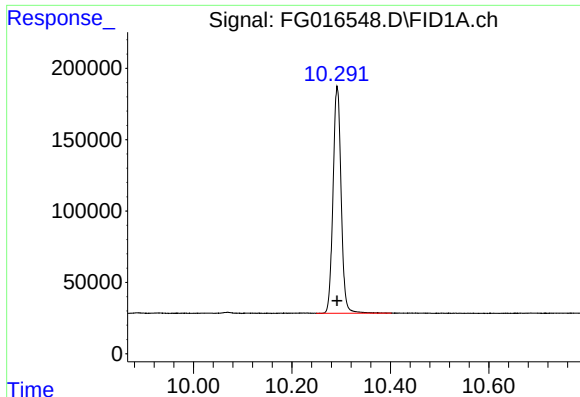
#3 N-DODECANE

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 1765690
Conc: 16.25 ug/ml



#4 N-TETRADECANE

R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 1795218
Conc: 16.42 ug/ml



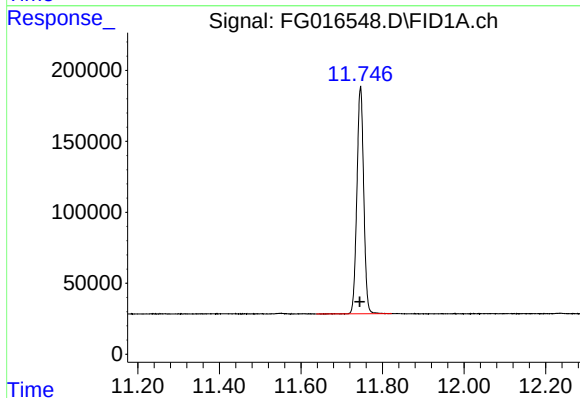
#5 N-HEXADECANE

R.T.: 10.292 min
Delta R.T.: 0.000 min
Response: 1810169
Conc: 16.65 ug/ml

Instrument :
FID_G
ClientSampleId :
PB169544BS

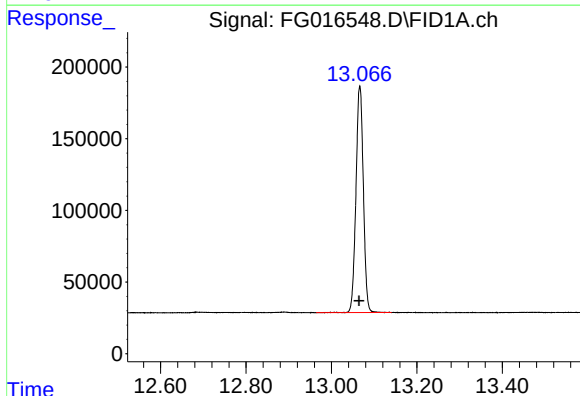
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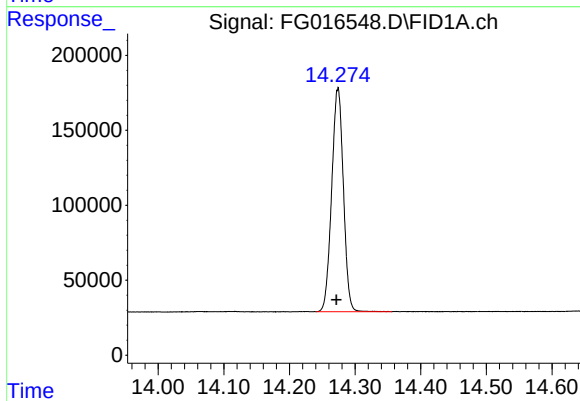
#6 N-OCTADECANE

R.T.: 11.746 min
Delta R.T.: 0.001 min
Response: 1853456
Conc: 16.76 ug/ml



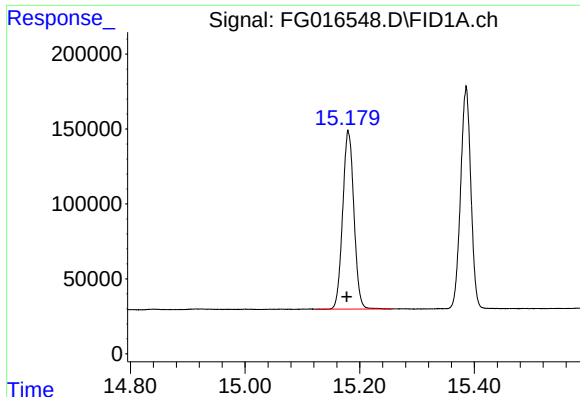
#7 N-EICOSANE

R.T.: 13.066 min
Delta R.T.: 0.002 min
Response: 1905011
Conc: 16.85 ug/ml



#8 N-DOCOSANE

R.T.: 14.274 min
Delta R.T.: 0.002 min
Response: 1848063
Conc: 16.82 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.180 min
Delta R.T.: 0.002 min
Response: 1622321
Conc: 17.03 ug/ml

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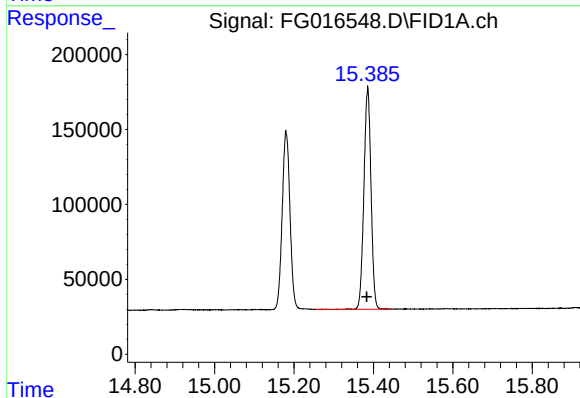
PB169544BS

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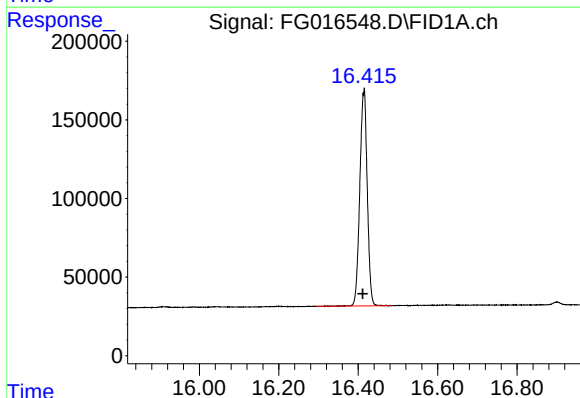
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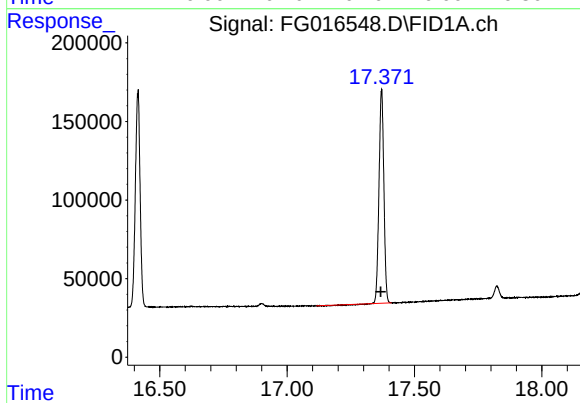
#10 N-TETRACOSANE

R.T.: 15.386 min
Delta R.T.: 0.003 min
Response: 1836529
Conc: 16.76 ug/ml



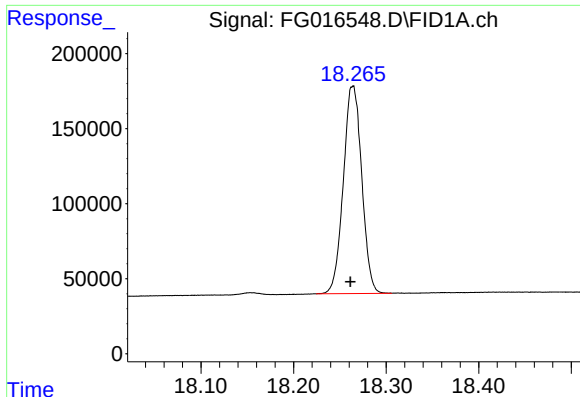
#11 N-HEXACOSANE

R.T.: 16.415 min
Delta R.T.: 0.003 min
Response: 1785995
Conc: 16.70 ug/ml



#12 N-OCTACOSANE

R.T.: 17.371 min
Delta R.T.: 0.003 min
Response: 1786864
Conc: 16.59 ug/ml



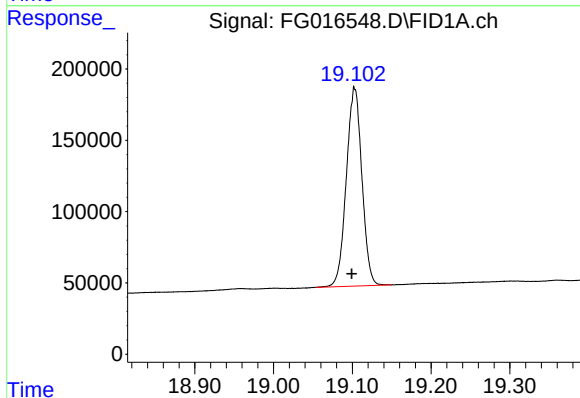
#13 N-TRIACONTANE

R.T.: 18.265 min
Delta R.T.: 0.003 min
Response: 1911506
Conc: 17.54 ug/ml

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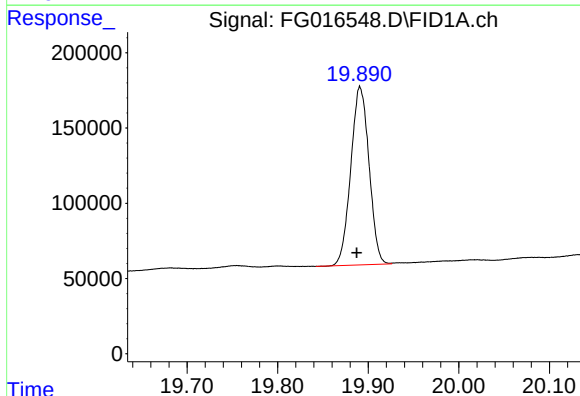
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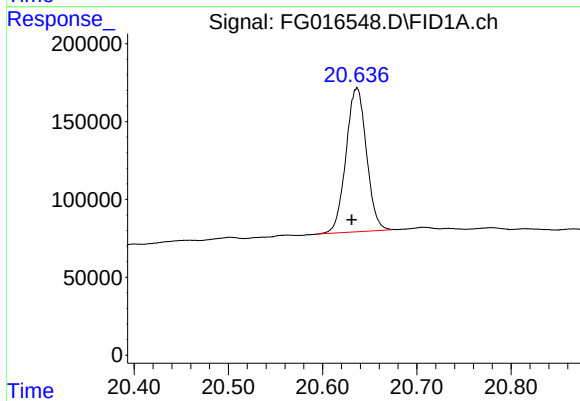
#14 N-DOTRIACONTANE

R.T.: 19.102 min
Delta R.T.: 0.003 min
Response: 1911670
Conc: 18.15 ug/ml m



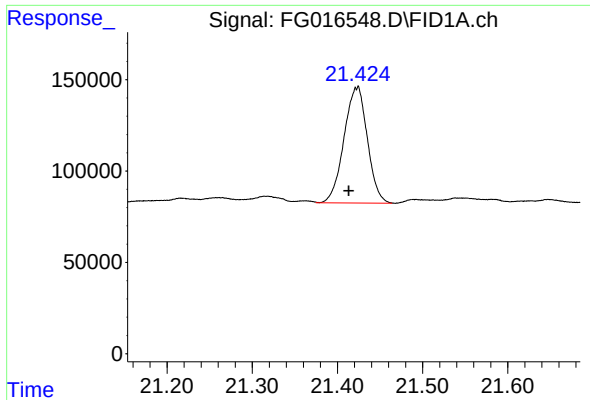
#15 N-TETRATRIACONTANE

R.T.: 19.891 min
Delta R.T.: 0.004 min
Response: 1655793
Conc: 17.38 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.636 min
Delta R.T.: 0.005 min
Response: 1393729
Conc: 18.65 ug/ml m



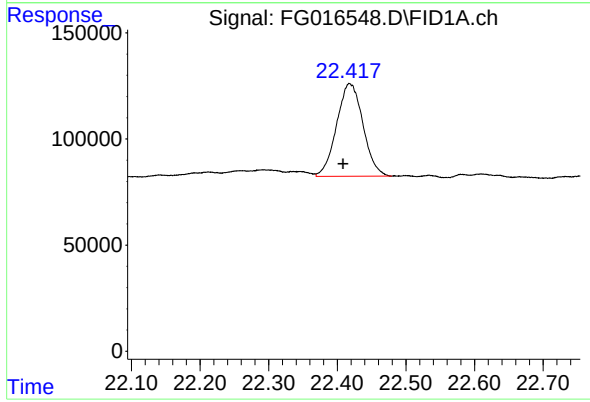
#17 N-OCTATRIACONTANE

R.T.: 21.424 min
Delta R.T.: 0.011 min
Response: 1207219
Conc: 20.13 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.418 min
Delta R.T.: 0.010 min
Response: 1166296
Conc: 27.75 ug/ml