

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120624\
 Data File : FG014928.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2024 14:12
 Operator : YP\AJ
 Sample : PB165424BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB165424BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/09/2024
 Supervised By :Ankita Jodhani 12/09/2024

Integration File: Sample.e
 Quant Time: Dec 06 22:01:35 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...	15.039	2025872	17.555 ug/ml
Target Compounds			
1) N-OCTANE	2.055	1962095	14.798 ug/ml
2) N-DECANE	4.564	2282094	17.102 ug/ml
3) N-DODECANE	6.735	2318723	16.852 ug/ml
4) N-TETRADECANE	8.567	2313625	17.355 ug/ml
5) N-HEXADECANE	10.179	2301637	17.101 ug/ml
6) N-OCTADECANE	11.625	2315128	16.864 ug/ml
7) N-EICOSANE	12.938	2308414	17.420 ug/ml
8) N-DOCOSANE	14.138	2200904	17.059 ug/ml
10) N-TETRACOSANE	15.243	2147090	16.954 ug/ml
11) N-HEXACOSANE	16.265	2078664	16.895 ug/ml
12) N-OCTACOSANE	17.218	2001294	16.542 ug/ml
13) N-TRIACONTANE	18.104	1932488	16.116 ug/ml
14) N-DOTRIACONTANE	18.939	1699055	14.607 ug/ml
15) N-TETRATRIACONTANE	19.722	1256235	12.455 ug/ml
16) N-HEXATRIACONTANE	20.462	754106	9.299 ug/ml
17) N-OCTATRIACONTANE	21.210	426900	6.181 ug/ml
18) N-TETRACONTANE	22.145	249084	4.038 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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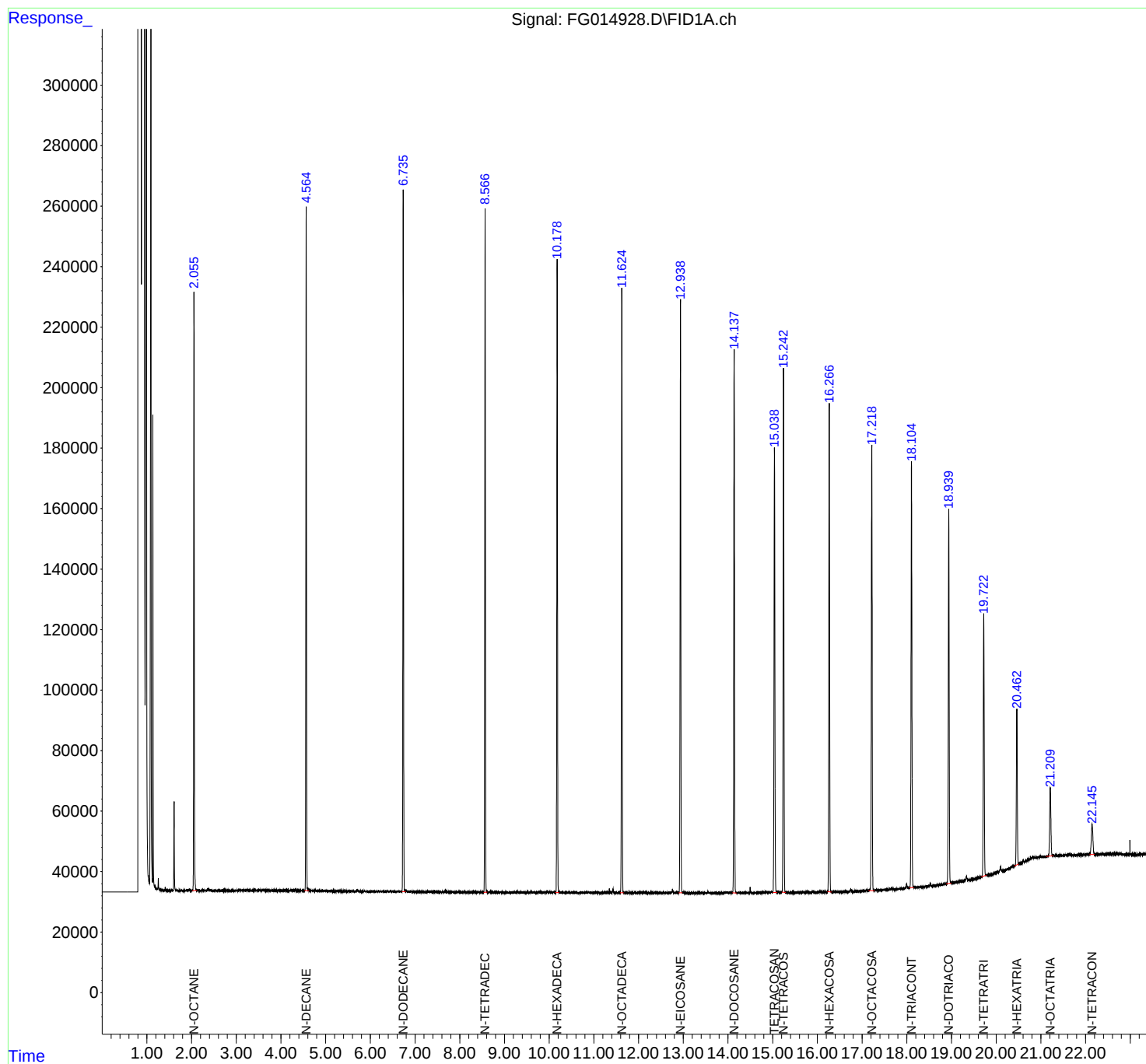
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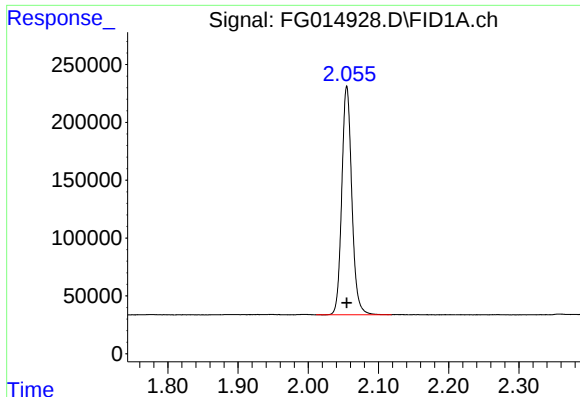
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





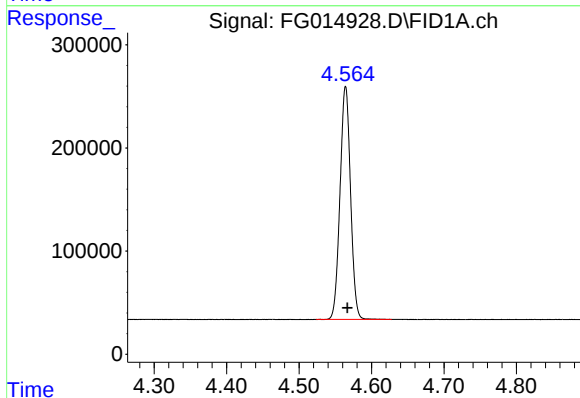
#1 N-OCTANE

R.T.: 2.055 min
Delta R.T.: 0.000 min
Response: 1962095
Conc: 14.80 ug/ml

Instrument :
FID_G
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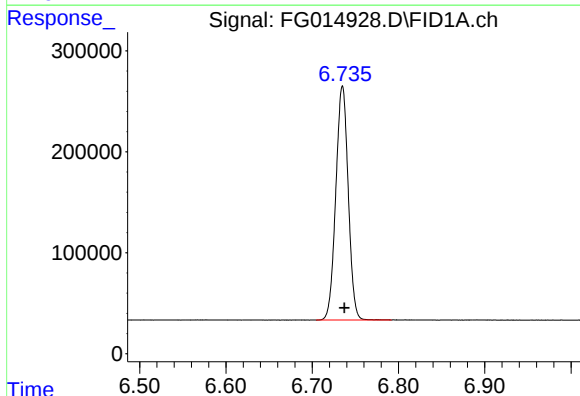
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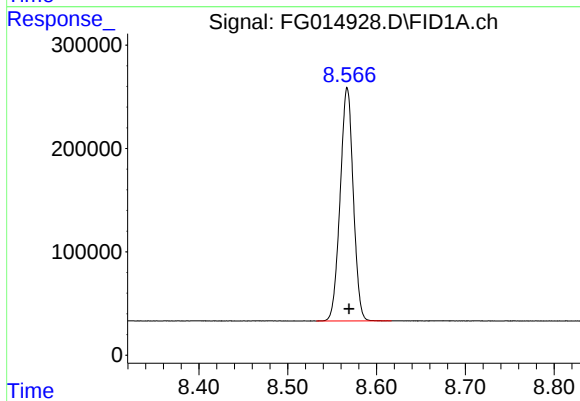
#2 N-DECANE

R.T.: 4.564 min
Delta R.T.: -0.002 min
Response: 2282094
Conc: 17.10 ug/ml



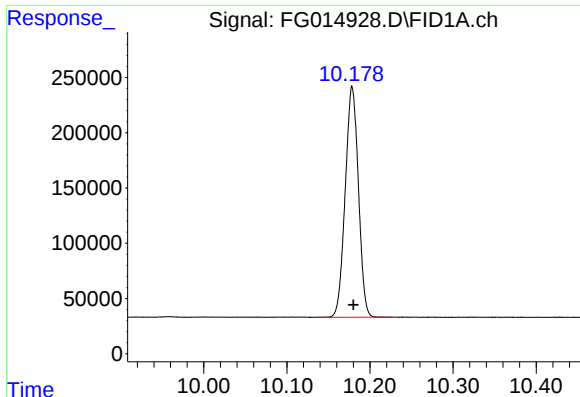
#3 N-DODECANE

R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 2318723
Conc: 16.85 ug/ml



#4 N-TETRADECANE

R.T.: 8.567 min
Delta R.T.: -0.002 min
Response: 2313625
Conc: 17.35 ug/ml



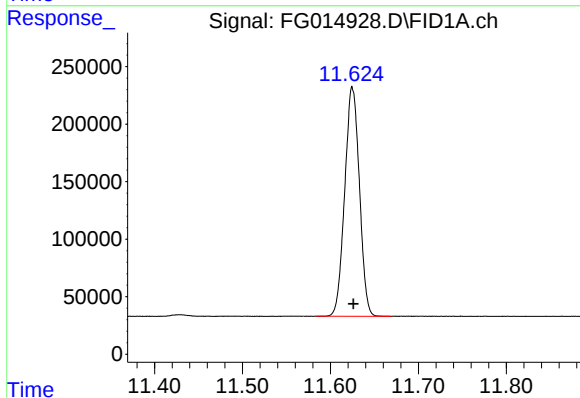
#5 N-HEXADECANE

R.T.: 10.179 min
Delta R.T.: -0.001 min
Response: 2301637
Conc: 17.10 ug/ml

Instrument :
FID_G
ClientSampleId :
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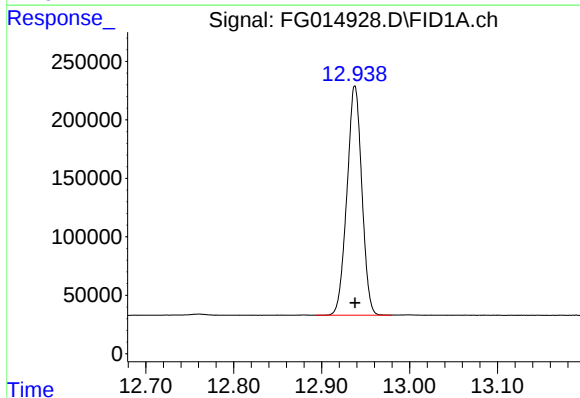
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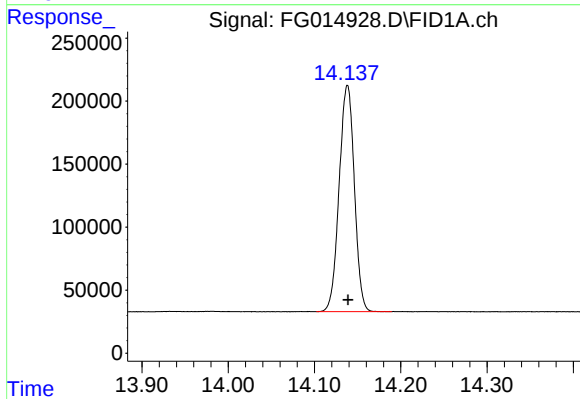
#6 N-OCTADECANE

R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 2315128
Conc: 16.86 ug/ml



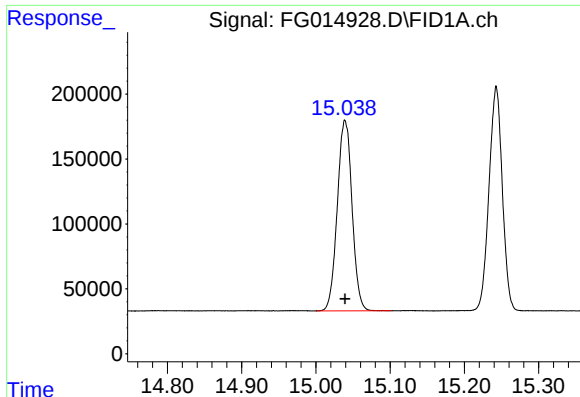
#7 N-EICOSANE

R.T.: 12.938 min
Delta R.T.: 0.000 min
Response: 2308414
Conc: 17.42 ug/ml



#8 N-DOCOSANE

R.T.: 14.138 min
Delta R.T.: 0.000 min
Response: 2200904
Conc: 17.06 ug/ml



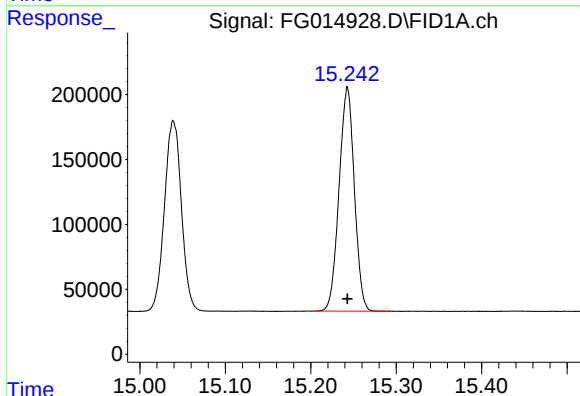
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.039 min
Delta R.T.: 0.000 min
Response: 2025872
Conc: 17.56 ug/ml

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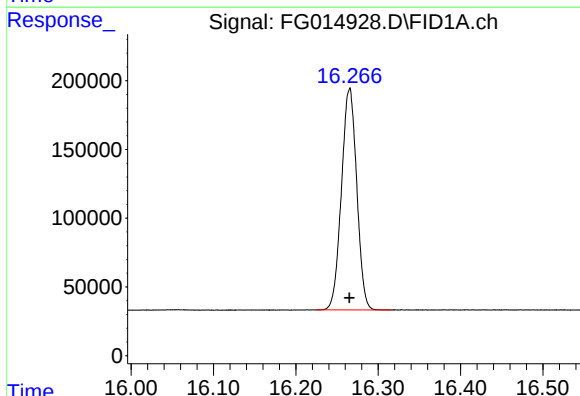
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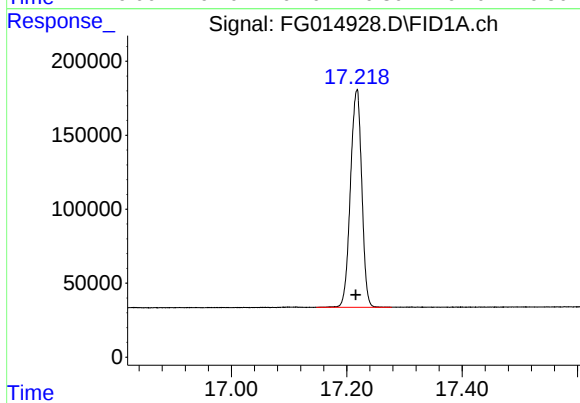
#10 N-TETRACOSANE

R.T.: 15.243 min
Delta R.T.: 0.000 min
Response: 2147090
Conc: 16.95 ug/ml



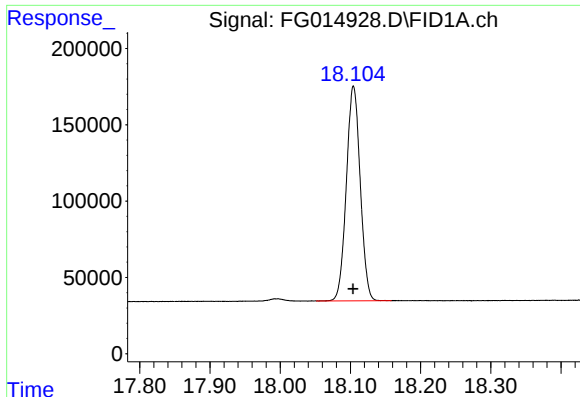
#11 N-HEXACOSANE

R.T.: 16.265 min
Delta R.T.: 0.000 min
Response: 2078664
Conc: 16.89 ug/ml



#12 N-OCTACOSANE

R.T.: 17.218 min
Delta R.T.: 0.002 min
Response: 2001294
Conc: 16.54 ug/ml



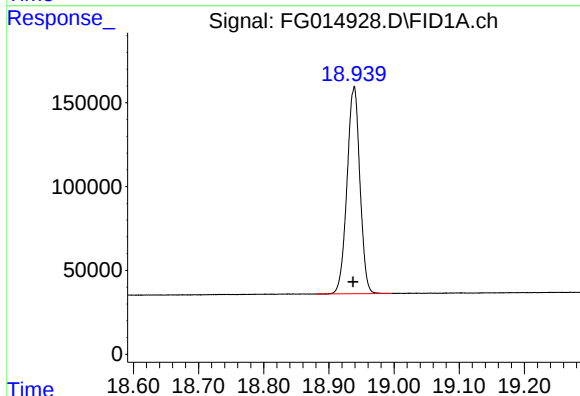
#13 N-TRIACONTANE

R.T.: 18.104 min
Delta R.T.: 0.000 min
Response: 1932488
Conc: 16.12 ug/ml

Instrument :
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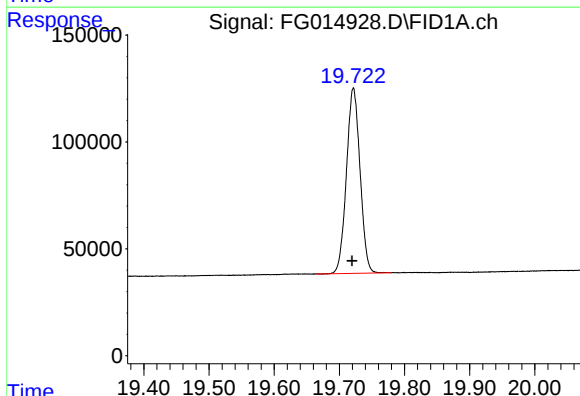
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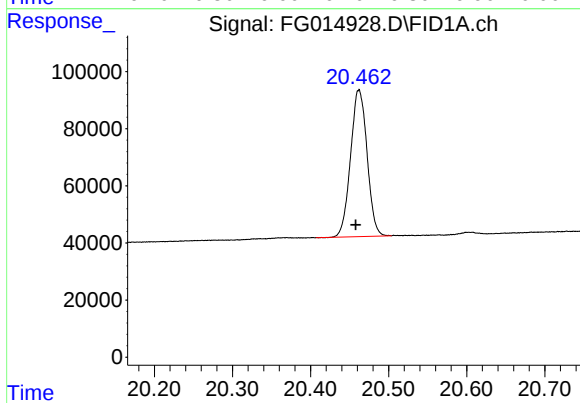
#14 N-DOTRIACONTANE

R.T.: 18.939 min
Delta R.T.: 0.002 min
Response: 1699055
Conc: 14.61 ug/ml



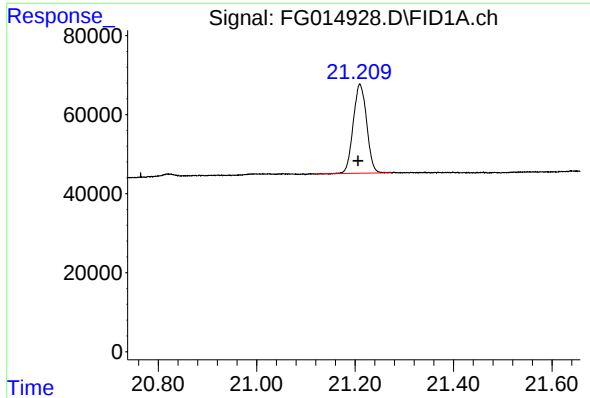
#15 N-TETRATRIACONTANE

R.T.: 19.722 min
Delta R.T.: 0.002 min
Response: 1256235
Conc: 12.45 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.462 min
Delta R.T.: 0.004 min
Response: 754106
Conc: 9.30 ug/ml



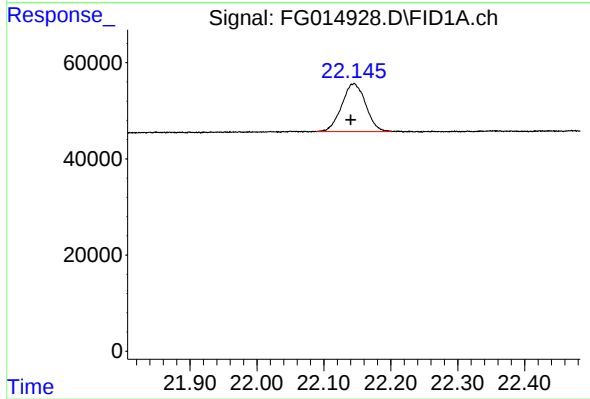
#17 N-OCTATRIACONTANE

R.T.: 21.210 min
Delta R.T.: 0.004 min
Response: 426900
Conc: 6.18 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.145 min
Delta R.T.: 0.005 min
Response: 249084
Conc: 4.04 ug/ml m