

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120224\
 Data File : FG014919.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2024 18:05
 Operator : YP\AJ
 Sample : P5026-07MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SOIL-1-HAM-TPH2MSD

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 01:59:58 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	1413139	12.246 ug/ml
Target Compounds			
1) N-OCTANE	2.055	1506551	11.362 ug/ml
2) N-DECANE	4.566	1813568	13.591 ug/ml
3) N-DODECANE	6.737	1902261	13.825 ug/ml
4) N-TETRADECANE	8.568	1946642	14.602 ug/ml
5) N-HEXADECANE	10.179	1946915	14.466 ug/ml
6) N-OCTADECANE	11.625	1972628	14.369 ug/ml
7) N-EICOSANE	12.938	1963276	14.815 ug/ml
8) N-DOCOSANE	14.139	1884879	14.609 ug/ml
10) N-TETRACOSANE	15.243	1855915	14.655 ug/ml
11) N-HEXACOSANE	16.265	1824155	14.826 ug/ml
12) N-OCTACOSANE	17.215	1782261	14.732 ug/ml
13) N-TRIACONTANE	18.104	1784398	14.881 ug/ml
14) N-DOTRIACONTANE	18.937	1755468	15.092 ug/ml
15) N-TETRATRIACONTANE	19.720	1599590	15.859 ug/mlm
16) N-HEXATRIACONTANE	20.461	1410799	17.397 ug/ml
17) N-OCTATRIACONTANE	21.208	1368753	19.819 ug/ml
18) N-TETRACONTANE	22.144	1263345	20.479 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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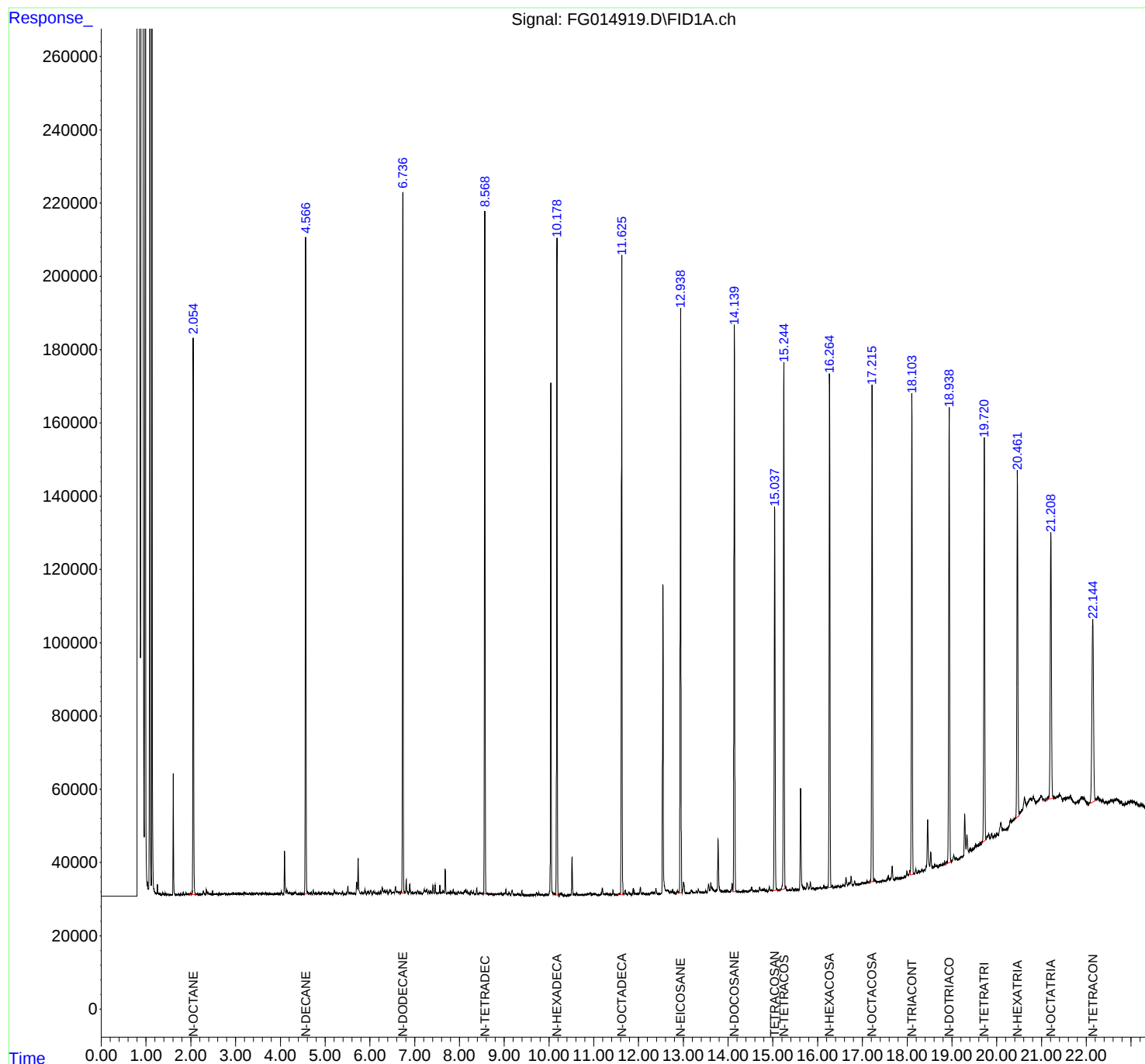
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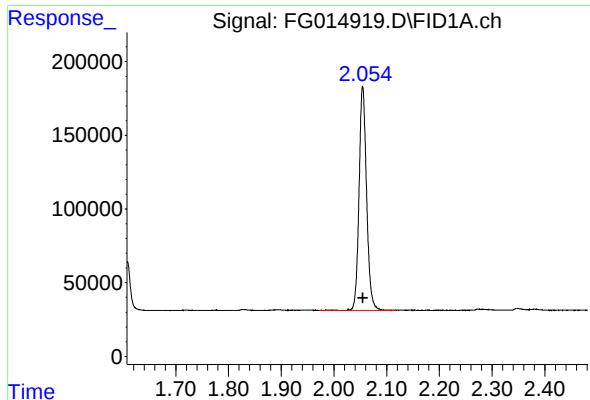
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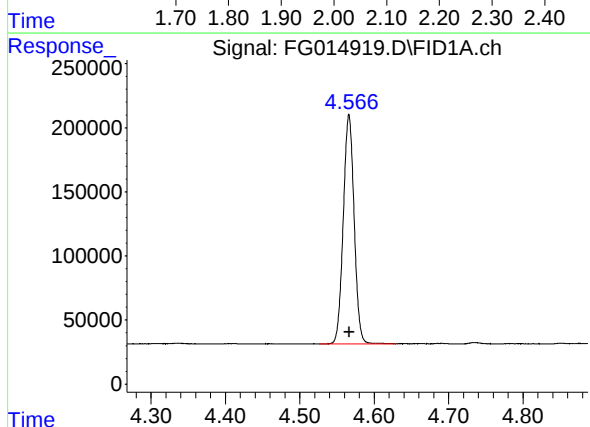
#1 N-OCTANE

R.T.: 2.055 min
Delta R.T.: 0.000 min
Response: 1506551
Conc: 11.36 ug/ml

Instrument :
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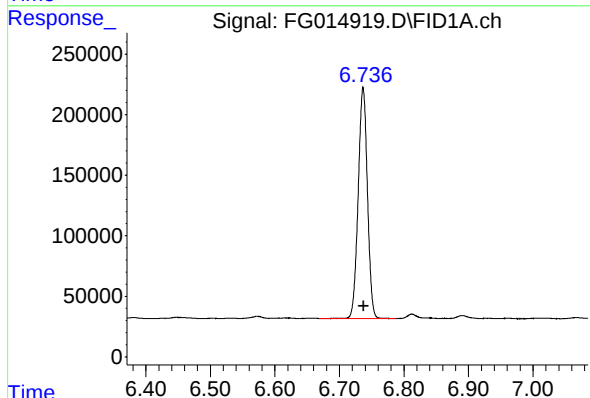
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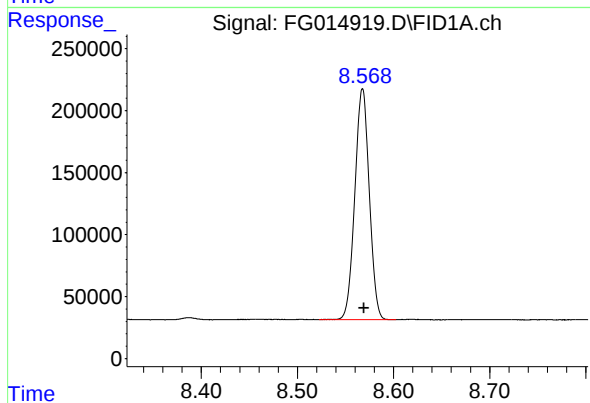
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 1813568
Conc: 13.59 ug/ml



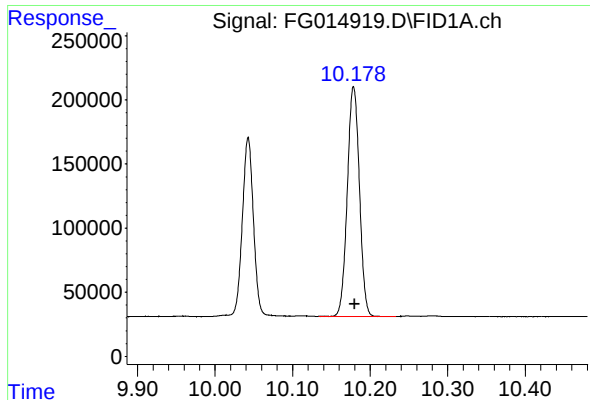
#3 N-DODECANE

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 1902261
Conc: 13.83 ug/ml



#4 N-TETRADECANE

R.T.: 8.568 min
Delta R.T.: -0.001 min
Response: 1946642
Conc: 14.60 ug/ml



#5 N-HEXADECANE

R.T.: 10.179 min
Delta R.T.: -0.001 min
Response: 1946915
Conc: 14.47 ug/ml

Instrument :

FID_G

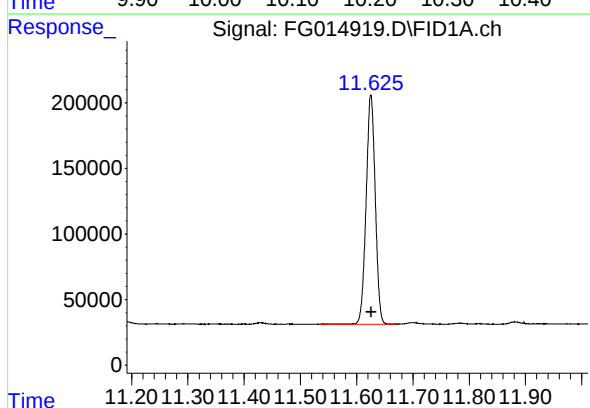
ClientSampleId :

SOIL-1-HAM-TPH2MSD

Manual Integrations

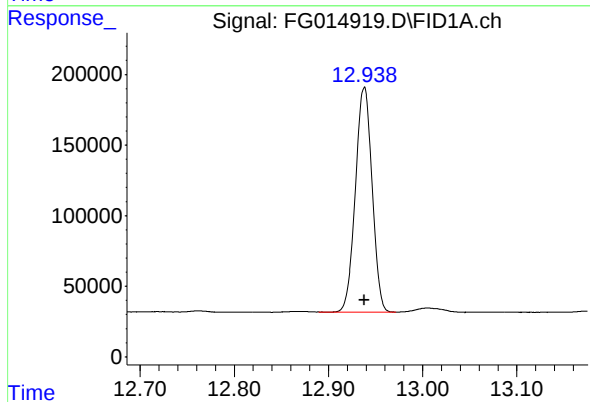
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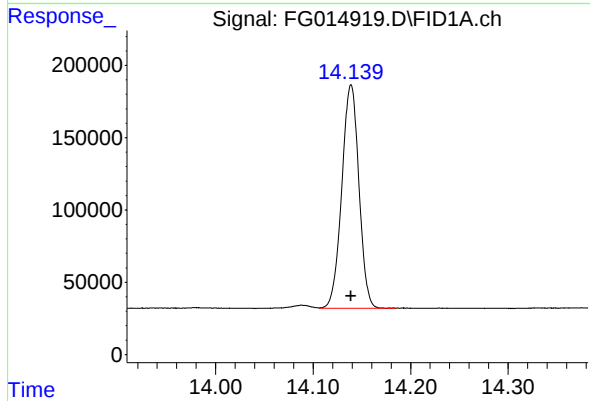
#6 N-OCTADECANE

R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 1972628
Conc: 14.37 ug/ml



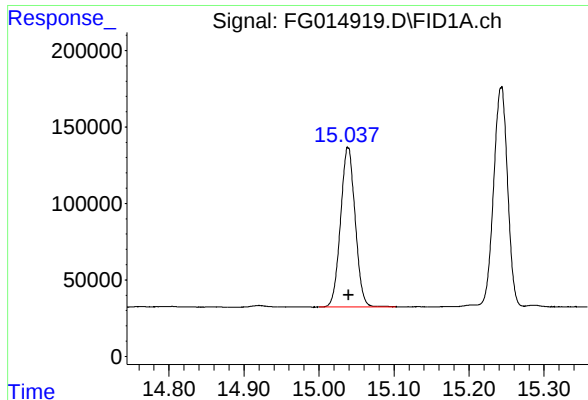
#7 N-EICOSANE

R.T.: 12.938 min
Delta R.T.: 0.000 min
Response: 1963276
Conc: 14.82 ug/ml



#8 N-DOCOSANE

R.T.: 14.139 min
Delta R.T.: 0.000 min
Response: 1884879
Conc: 14.61 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.039 min
Delta R.T.: 0.000 min
Response: 1413139
Conc: 12.25 ug/ml

Instrument :

FID_G

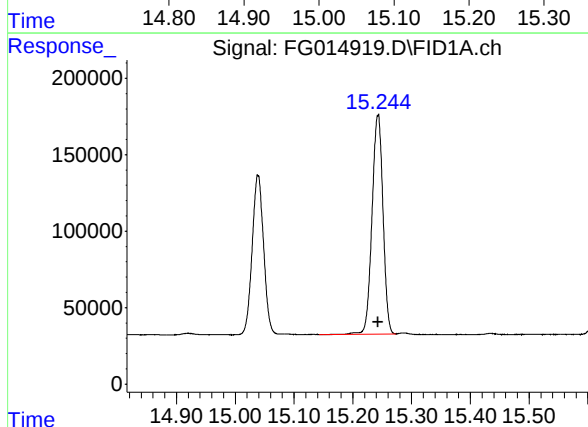
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SOIL-1-HAM-TPH2MSD

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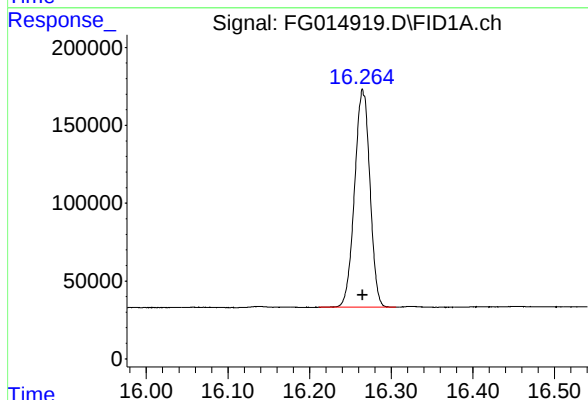
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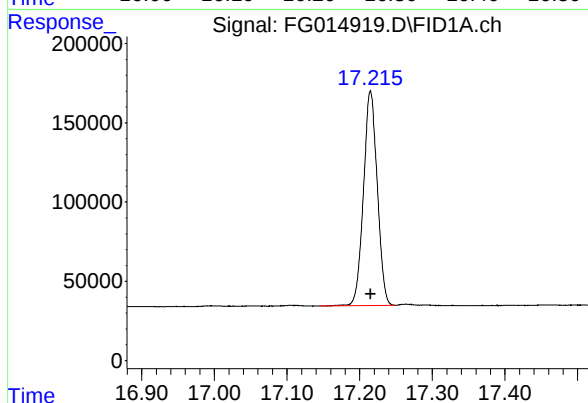
#10 N-TETRACOSANE

R.T.: 15.243 min
Delta R.T.: 0.000 min
Response: 1855915
Conc: 14.66 ug/ml



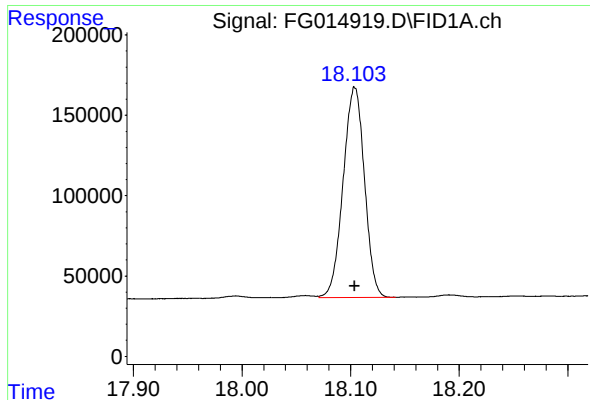
#11 N-HEXACOSANE

R.T.: 16.265 min
Delta R.T.: 0.000 min
Response: 1824155
Conc: 14.83 ug/ml



#12 N-OCTACOSANE

R.T.: 17.215 min
Delta R.T.: 0.000 min
Response: 1782261
Conc: 14.73 ug/ml



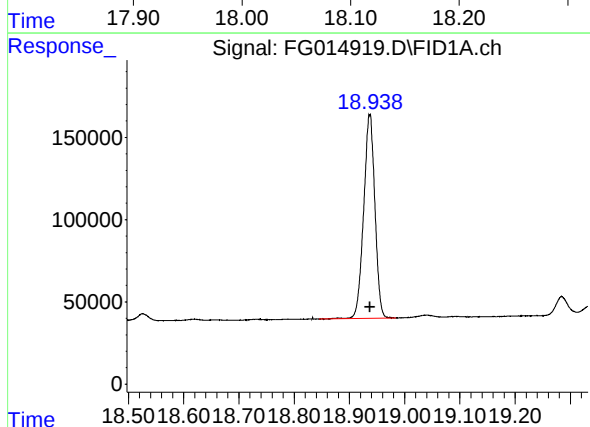
#13 N-TRIACONTANE

R.T.: 18.104 min
Delta R.T.: 0.000 min
Response: 1784398
Conc: 14.88 ug/ml

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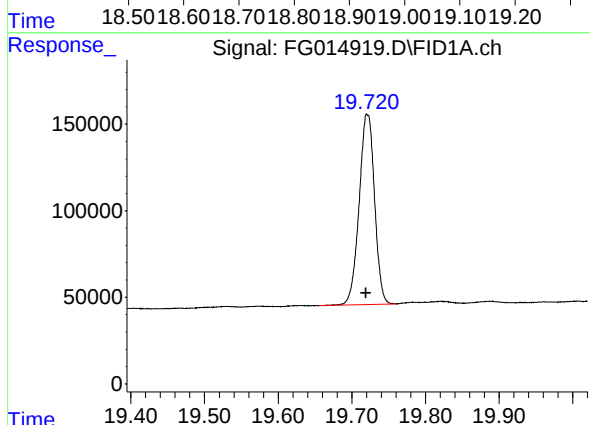
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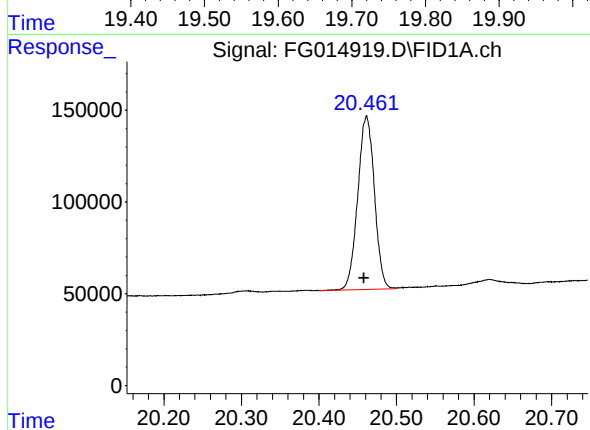
#14 N-DOTRIACONTANE

R.T.: 18.937 min
Delta R.T.: 0.000 min
Response: 1755468
Conc: 15.09 ug/ml



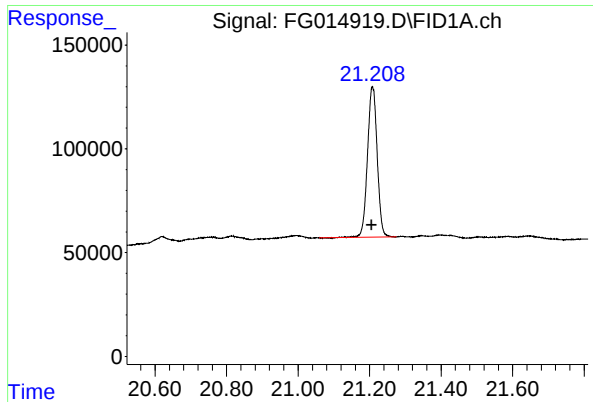
#15 N-TETRATRIACONTANE

R.T.: 19.720 min
Delta R.T.: 0.000 min
Response: 1599590
Conc: 15.86 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.461 min
Delta R.T.: 0.003 min
Response: 1410799
Conc: 17.40 ug/ml



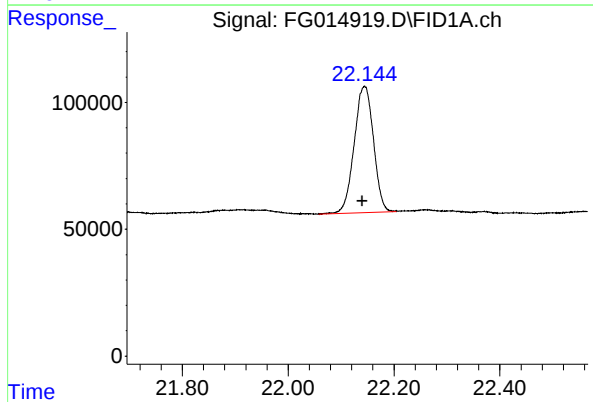
#17 N-OCTATRIACONTANE

R.T.: 21.208 min
Delta R.T.: 0.002 min
Response: 1368753
Conc: 19.82 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.144 min
Delta R.T.: 0.004 min
Response: 1263345
Conc: 20.48 ug/ml m