

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041522\
 Data File : FG009639.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2022 16:09
 Operator : AJ\MA
 Sample : N2379-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File: autoint1.e
 Quant Time: Apr 18 09:03:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Quant Title :
 QLast Update : Fri Apr 08 10:19:35 2022
 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...	14.626	1572978	12.210 ug/mlm
Target Compounds			
1) N-OCTANE	2.224	1729234	11.836 ug/ml
2) N-DECANE	4.320	1907259	12.846 ug/ml
3) N-DODECANE	6.347	2042998	13.556 ug/ml
4) N-TETRADECANE	8.148	2250087	14.689 ug/ml
5) N-HEXADECANE	9.755	2237515	14.499 ug/ml
6) N-OCTADECANE	11.203	2280069	14.492 ug/ml
7) N-EICOSANE	12.517	2160809	14.267 ug/mlm
8) N-DOCOSANE	13.721	2109850	14.297 ug/mlm
10) N-TETRACOSANE	14.829	2015759	14.061 ug/mlm
11) N-HEXACOSANE	15.855	1964396	14.300 ug/ml
12) N-OCTACOSANE	16.808	1926995	14.765 ug/mlm
13) N-TRIACONTANE	17.700	1896657	15.360 ug/mlm
14) N-DOTRIACONTANE	18.537	1948923	16.790 ug/mlm
15) N-TETRATRIACONTANE	19.324	1574211	14.805 ug/mlm
16) N-HEXATRIACONTANE	20.068	1295138	13.677 ug/ml
17) N-OCTATRIACONTANE	20.809	1209750	14.048 ug/ml
18) N-TETRACONTANE	21.721	1228375	14.233 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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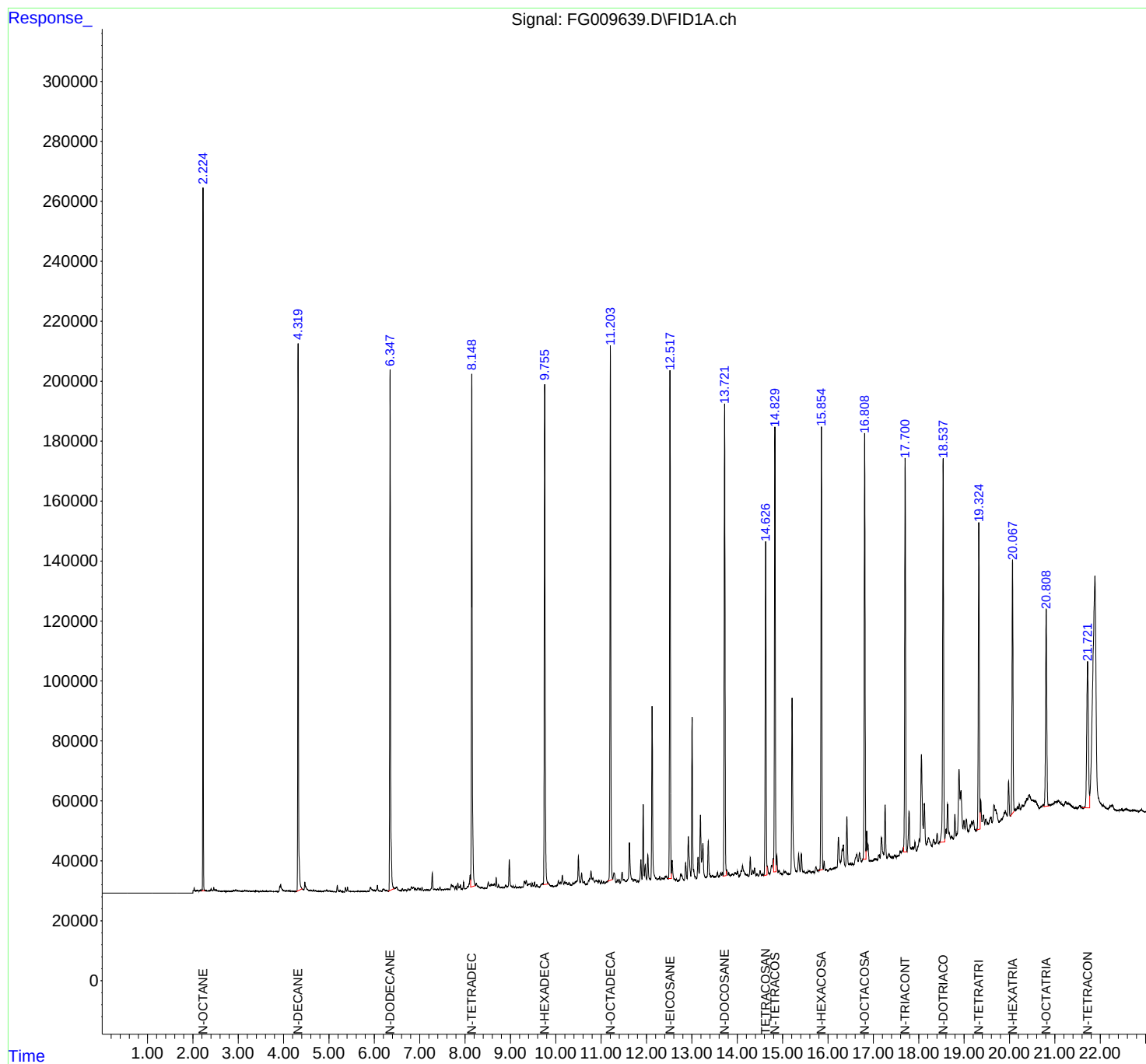
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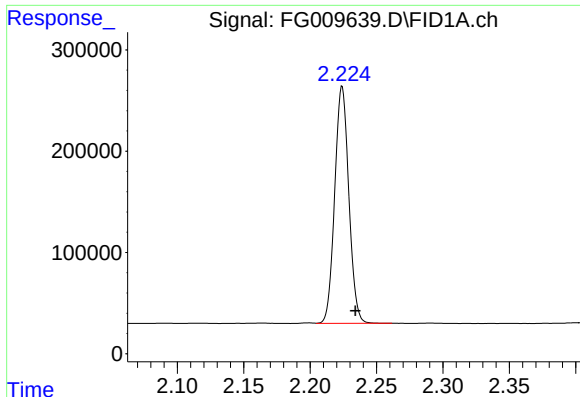
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.224 min
Delta R.T.: -0.010 min
Response: 1729234
Conc: 11.84 ug/ml

Instrument :

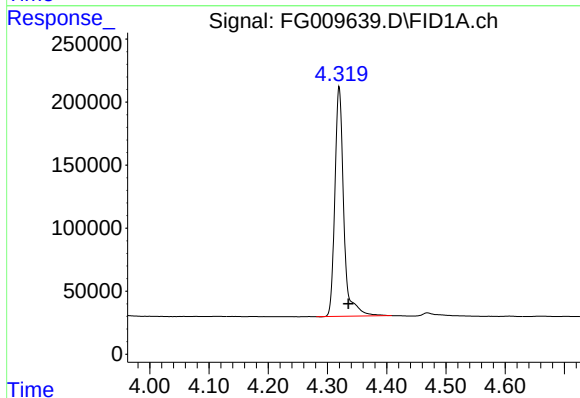
FID_G

ClientSampleId :

WASTEMSD

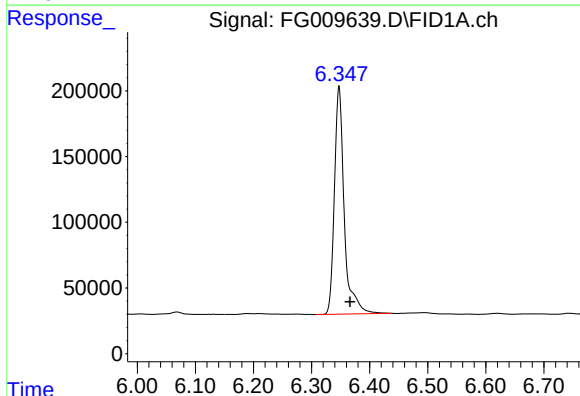
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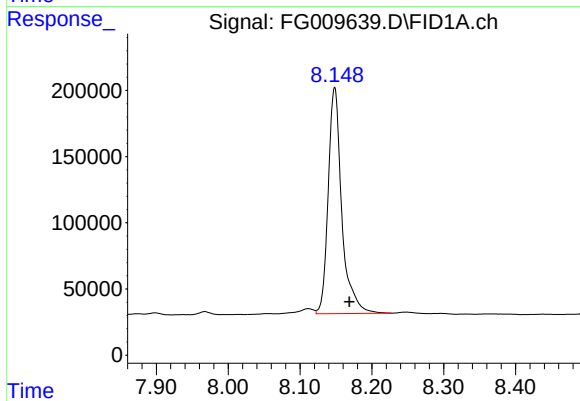
#2 N-DECANE

R.T.: 4.320 min
Delta R.T.: -0.015 min
Response: 1907259
Conc: 12.85 ug/ml



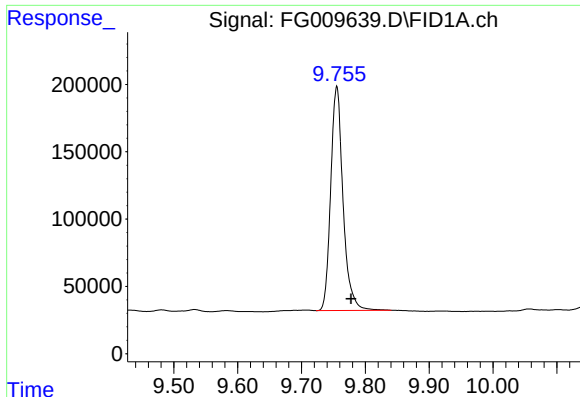
#3 N-DODECANE

R.T.: 6.347 min
Delta R.T.: -0.019 min
Response: 2042998
Conc: 13.56 ug/ml



#4 N-TETRADECANE

R.T.: 8.148 min
Delta R.T.: -0.020 min
Response: 2250087
Conc: 14.69 ug/ml



#5 N-HEXADECANE

R.T.: 9.755 min
Delta R.T.: -0.022 min
Response: 2237515
Conc: 14.50 ug/ml

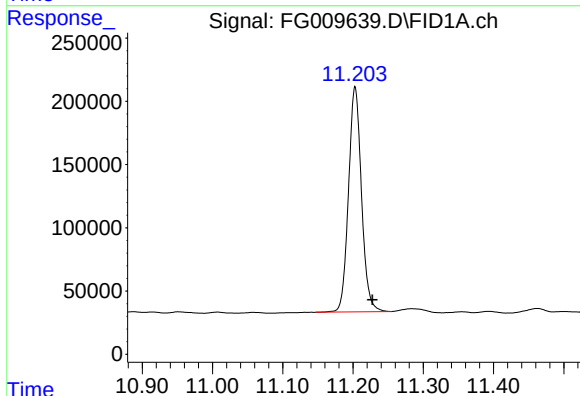
Instrument :

FID_G

ClientSampleId :
WASTEMSD

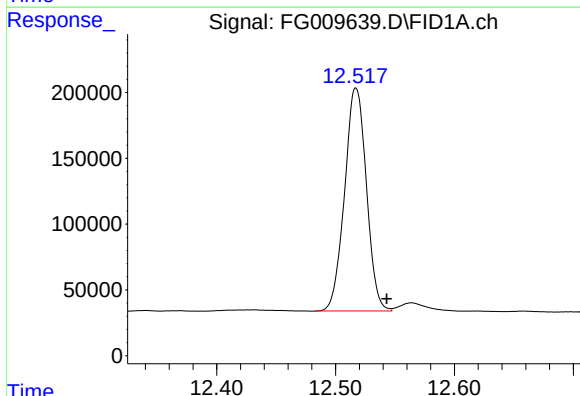
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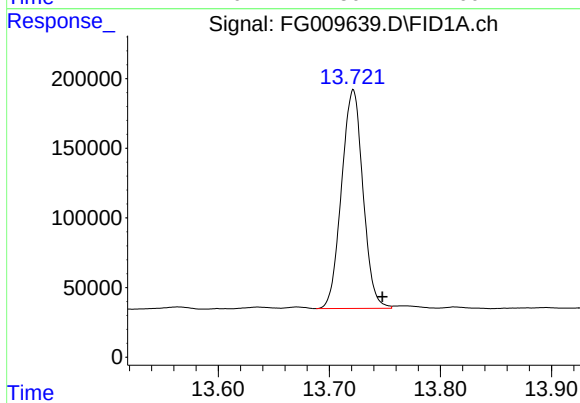
#6 N-OCTADECANE

R.T.: 11.203 min
Delta R.T.: -0.024 min
Response: 2280069
Conc: 14.49 ug/ml



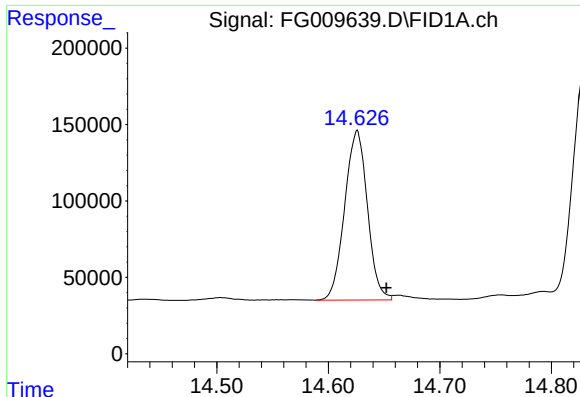
#7 N-EICOSANE

R.T.: 12.517 min
Delta R.T.: -0.027 min
Response: 2160809
Conc: 14.27 ug/ml m



#8 N-DOCOSANE

R.T.: 13.721 min
Delta R.T.: -0.027 min
Response: 2109850
Conc: 14.30 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.626 min
Delta R.T.: -0.026 min
Response: 1572978
Conc: 12.21 ug/ml

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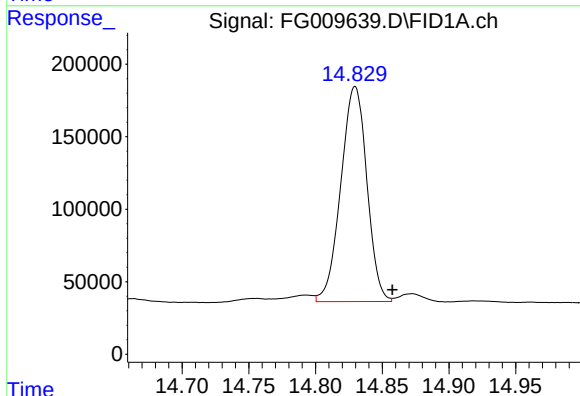
WASTEMSD

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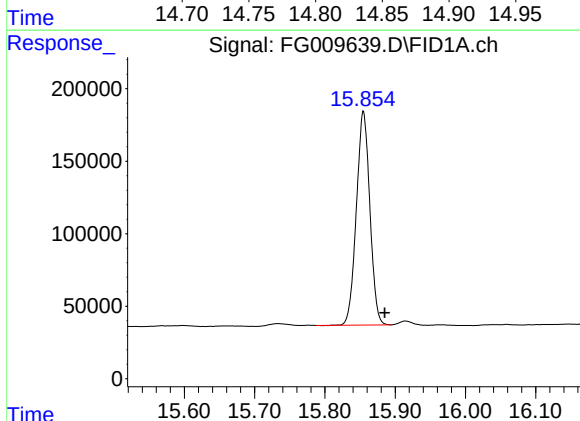
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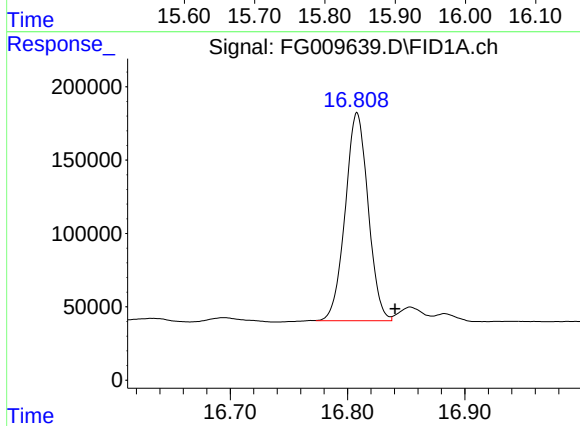
#10 N-TETRACOSANE

R.T.: 14.829 min
Delta R.T.: -0.028 min
Response: 2015759
Conc: 14.06 ug/ml m



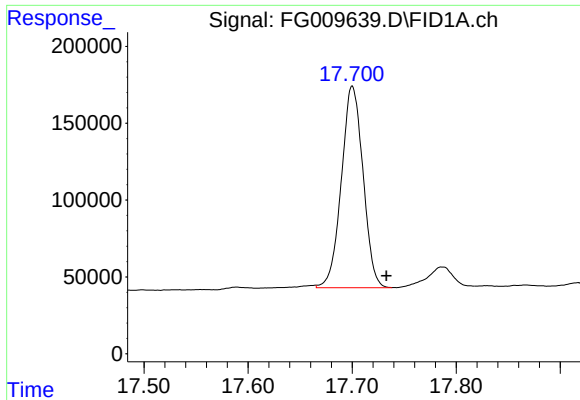
#11 N-HEXACOSANE

R.T.: 15.855 min
Delta R.T.: -0.030 min
Response: 1964396
Conc: 14.30 ug/ml



#12 N-OCTACOSANE

R.T.: 16.808 min
Delta R.T.: -0.033 min
Response: 1926995
Conc: 14.77 ug/ml m



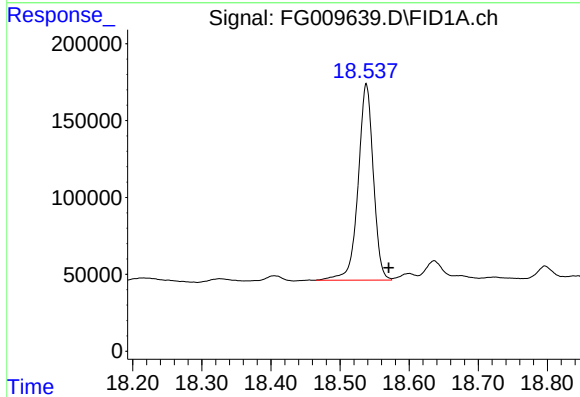
#13 N-TRIACONTANE

R.T.: 17.700 min
Delta R.T.: -0.033 min
Response: 1896657
Conc: 15.36 ug/ml

Instrument :
FID_G
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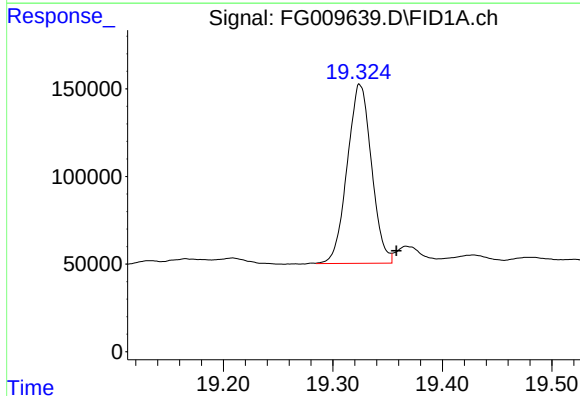
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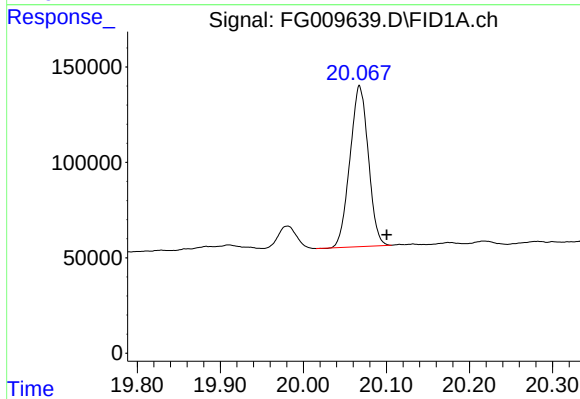
#14 N-DOTRIACONTANE

R.T.: 18.537 min
Delta R.T.: -0.033 min
Response: 1948923
Conc: 16.79 ug/ml m



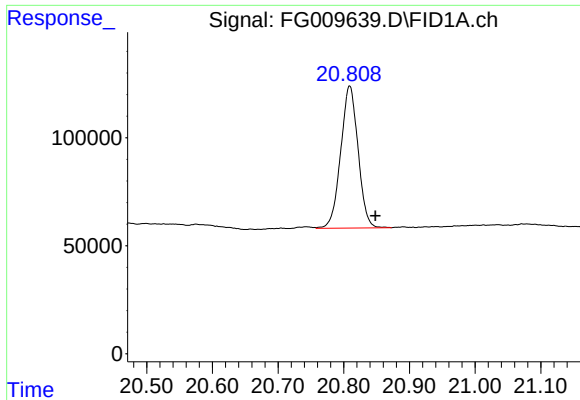
#15 N-TETRATRIACONTANE

R.T.: 19.324 min
Delta R.T.: -0.034 min
Response: 1574211
Conc: 14.80 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.068 min
Delta R.T.: -0.033 min
Response: 1295138
Conc: 13.68 ug/ml



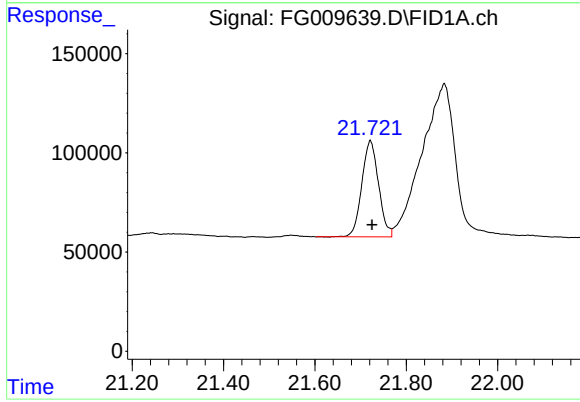
#17 N-OCTATRIACONTANE

R.T.: 20.809 min
Delta R.T.: -0.039 min
Response: 1209750
Conc: 14.05 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.721 min
Delta R.T.: -0.004 min
Response: 1228375
Conc: 14.23 ug/ml