

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051324\
 Data File : FG013837.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2024 20:17
 Operator : YP\AJ
 Sample : PB160886BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB160886BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/14/2024
 Supervised By :Ankita Jodhani 05/14/2024

Integration File: autoint1.e
 Quant Time: May 14 04:06:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG050924.M
 Quant Title :
 QLast Update : Thu May 09 14:35:12 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...	15.029	2354247	20.208 ug/ml
Target Compounds			
1) N-OCTANE	2.028	2058985	16.644 ug/ml
2) N-DECANE	4.545	2501167	19.742 ug/ml
3) N-DODECANE	6.717	2650433	20.570 ug/mlm
4) N-TETRADECANE	8.550	2759235	20.978 ug/ml
5) N-HEXADECANE	10.162	2830597	21.234 ug/ml
6) N-OCTADECANE	11.610	2907591	21.347 ug/ml
7) N-EICOSANE	12.924	2940861	21.349 ug/ml
8) N-DOCOSANE	14.126	2843023	21.437 ug/ml
10) N-TETRACOSANE	15.234	2834560	21.476 ug/ml
11) N-HEXACOSANE	16.258	2797062	21.541 ug/ml
12) N-OCTACOSANE	17.211	2712177	21.373 ug/ml
13) N-TRIACONTANE	18.101	2720714	21.432 ug/ml
14) N-DOTRIACONTANE	18.936	2878996	22.625 ug/mlm
15) N-TETRATRIACONTANE	19.723	2958366	25.325 ug/mlm
16) N-HEXATRIACONTANE	20.464	3073534	27.893 ug/mlm
17) N-OCTATRIACONTANE	21.212	3185957	31.942 ug/mlm
18) N-TETRACONTANE	22.140	3366615	34.094 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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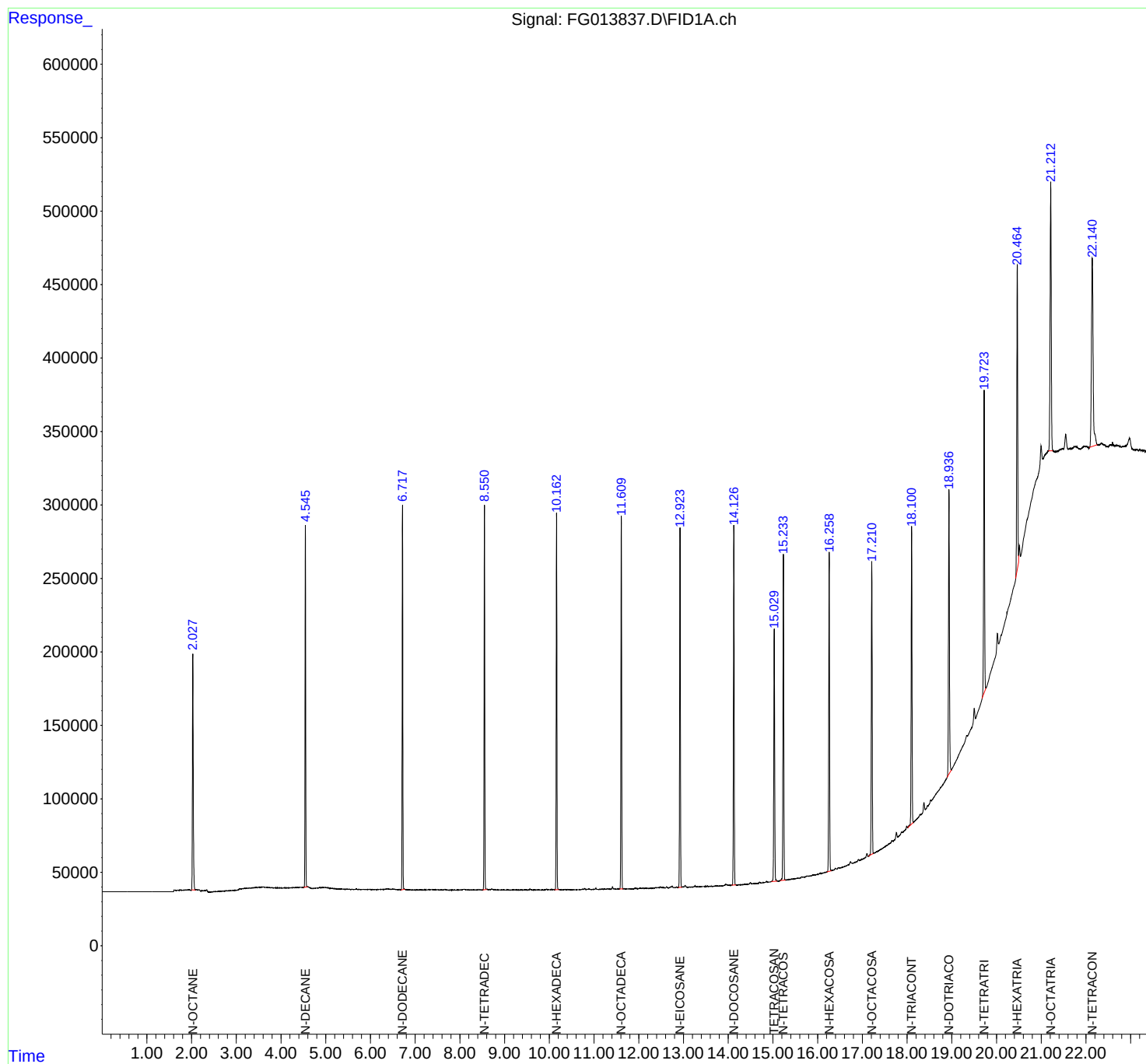
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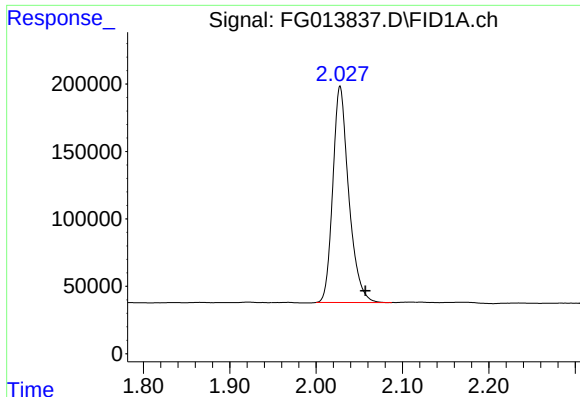
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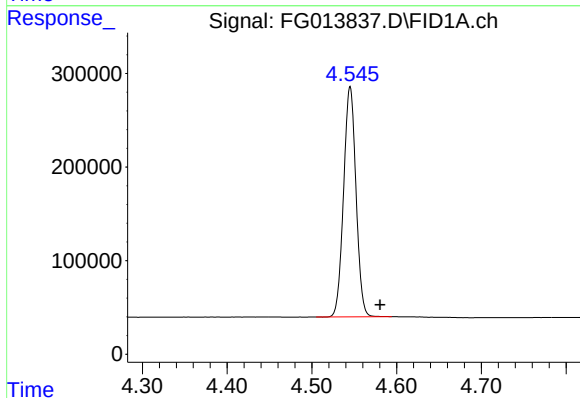
#1 N-OCTANE

R.T.: 2.028 min
Delta R.T.: -0.029 min
Response: 2058985
Conc: 16.64 ug/ml

Instrument :
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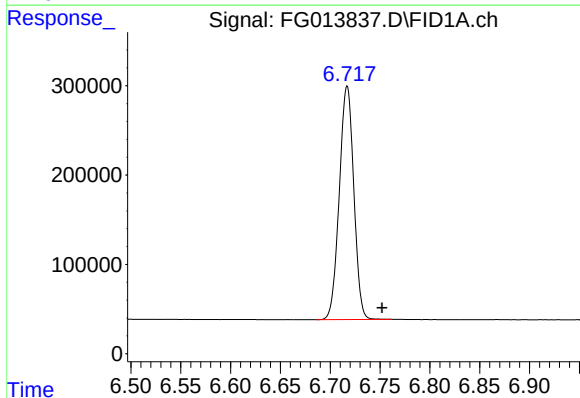
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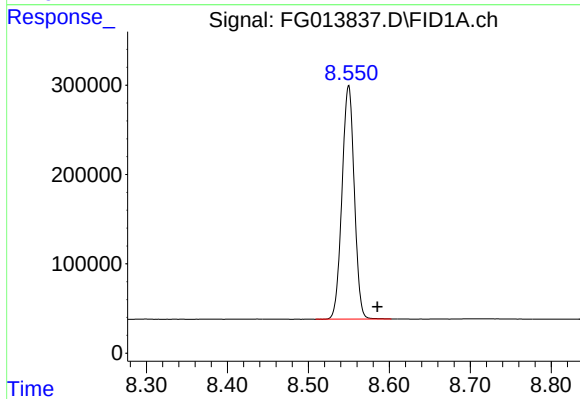
#2 N-DECANE

R.T.: 4.545 min
Delta R.T.: -0.035 min
Response: 2501167
Conc: 19.74 ug/ml



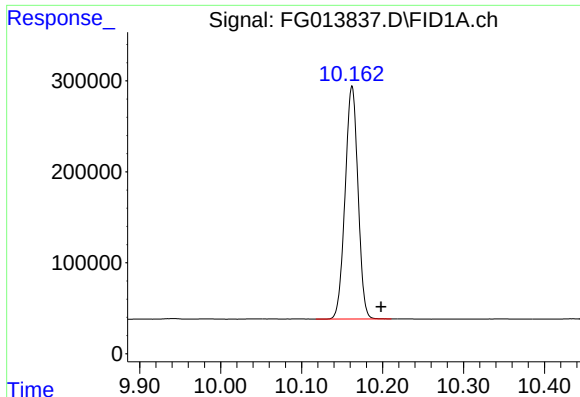
#3 N-DODECANE

R.T.: 6.717 min
Delta R.T.: -0.035 min
Response: 2650433
Conc: 20.57 ug/ml m



#4 N-TETRADECANE

R.T.: 8.550 min
Delta R.T.: -0.036 min
Response: 2759235
Conc: 20.98 ug/ml



#5 N-HEXADECANE

R.T.: 10.162 min
Delta R.T.: -0.036 min
Response: 2830597
Conc: 21.23 ug/ml

Instrument :

FID_G

ClientSampleId :

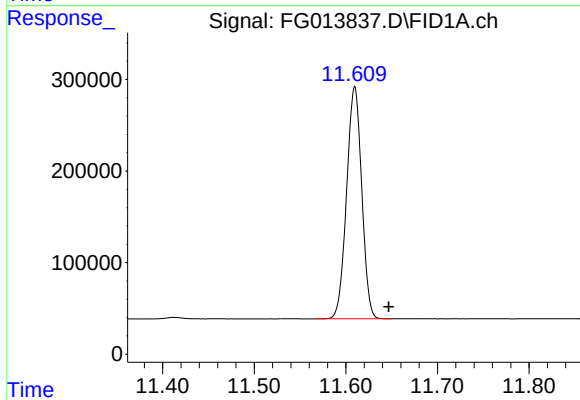
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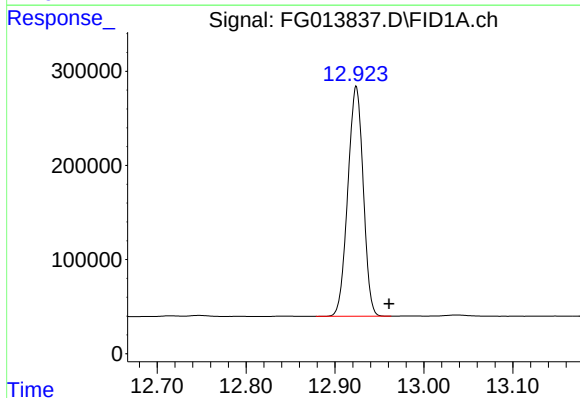
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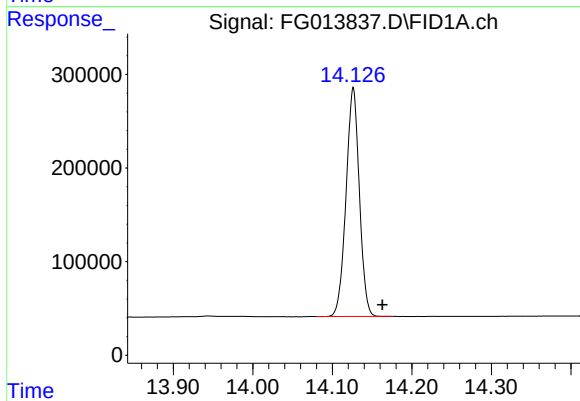
#6 N-OCTADECANE

R.T.: 11.610 min
Delta R.T.: -0.037 min
Response: 2907591
Conc: 21.35 ug/ml



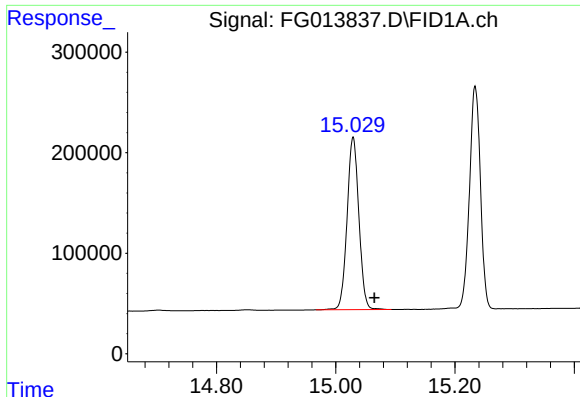
#7 N-EICOSANE

R.T.: 12.924 min
Delta R.T.: -0.037 min
Response: 2940861
Conc: 21.35 ug/ml



#8 N-DOCOSANE

R.T.: 14.126 min
Delta R.T.: -0.037 min
Response: 2843023
Conc: 21.44 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.029 min
Delta R.T.: -0.036 min
Response: 2354247
Conc: 20.21 ug/ml

Instrument :

FID_G

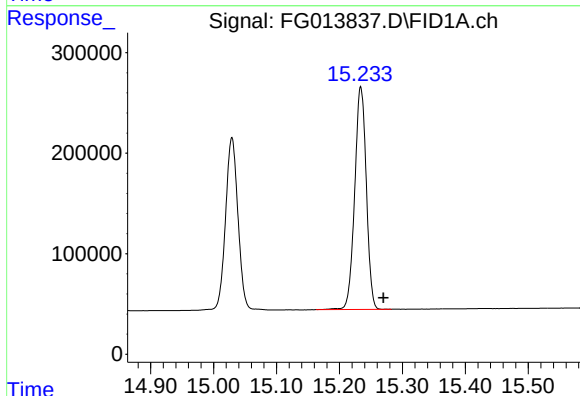
ClientSampleId :

PB160886BSD

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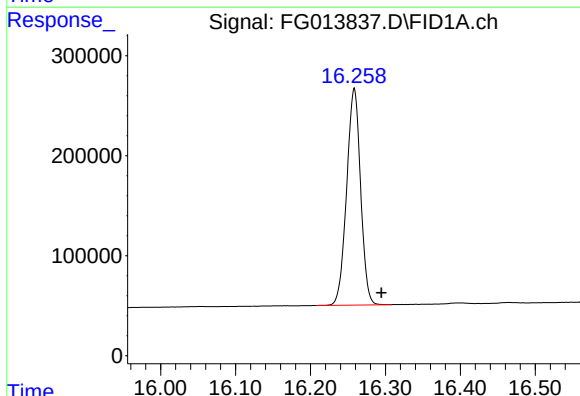
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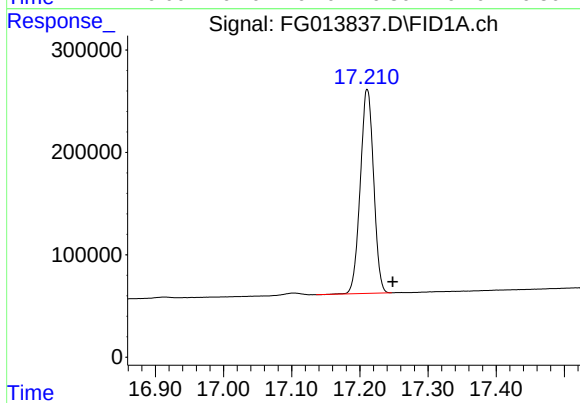
#10 N-TETRACOSANE

R.T.: 15.234 min
Delta R.T.: -0.036 min
Response: 2834560
Conc: 21.48 ug/ml



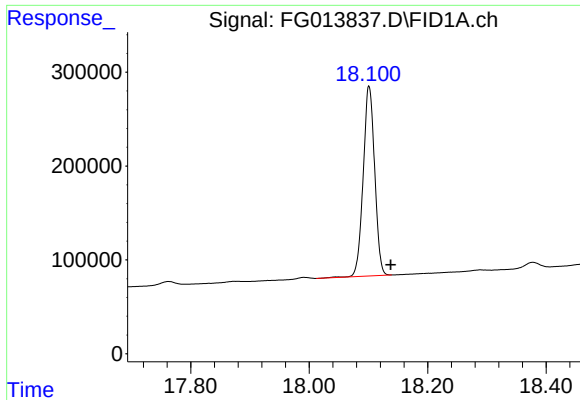
#11 N-HEXACOSANE

R.T.: 16.258 min
Delta R.T.: -0.036 min
Response: 2797062
Conc: 21.54 ug/ml



#12 N-OCTACOSANE

R.T.: 17.211 min
Delta R.T.: -0.037 min
Response: 2712177
Conc: 21.37 ug/ml



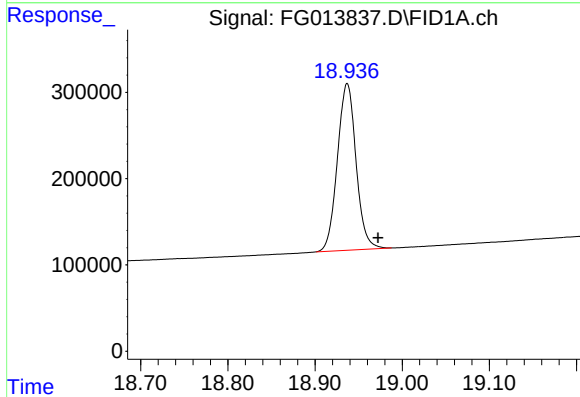
#13 N-TRIACONTANE

R.T.: 18.101 min
Delta R.T.: -0.037 min
Response: 2720714
Conc: 21.43 ug/ml

Instrument :
FID_G
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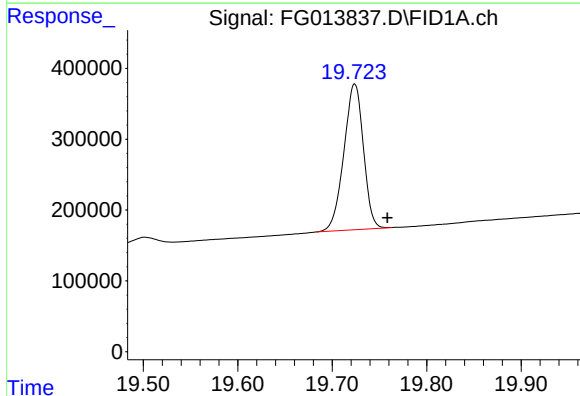
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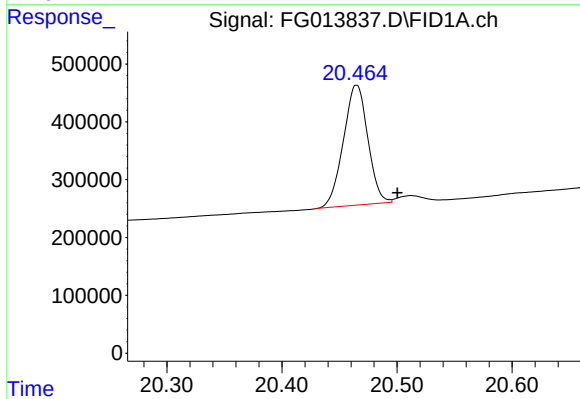
#14 N-DOTRIACONTANE

R.T.: 18.936 min
Delta R.T.: -0.036 min
Response: 2878996
Conc: 22.62 ug/ml m



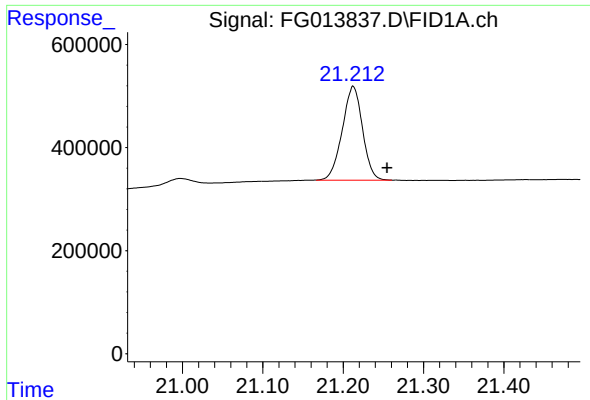
#15 N-TETRATRIACONTANE

R.T.: 19.723 min
Delta R.T.: -0.035 min
Response: 2958366
Conc: 25.32 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.464 min
Delta R.T.: -0.037 min
Response: 3073534
Conc: 27.89 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.212 min
Delta R.T.: -0.043 min
Response: 3185957
Conc: 31.94 ug/ml

Instrument :

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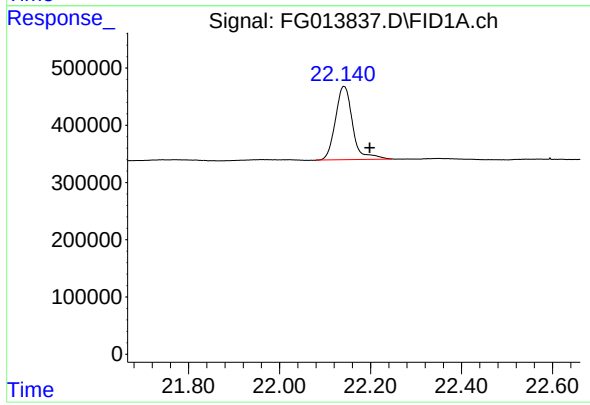
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#18 N-TETRACONTANE

R.T.: 22.140 min
Delta R.T.: -0.059 min
Response: 3366615
Conc: 34.09 ug/ml m