

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082625\
 Data File : FF016226.D
 Signal(s) : FID2B.ch
 Acq On : 26 Aug 2025 13:06
 Operator : YP\AJ
 Sample : Q2893-10
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/27/2025
 Supervised By :mohammad ahmed 08/28/2025

Integration File: autoint1.e
 Quant Time: Aug 26 13:16:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 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...	15.078	2267505	20.314 ug/ml
Target Compounds			
1) N-OCTANE	2.062	125845	1.106 ug/ml
2) N-DECANE	4.597	133009	1.142 ug/ml
3) N-DODECANE	6.774	129970	1.100 ug/ml
4) N-TETRADECANE	8.608	140368	1.161 ug/ml
5) N-HEXADECANE	10.218	140440	1.155 ug/ml
6) N-OCTADECANE	11.662	153142	1.224 ug/ml
7) N-EICOSANE	12.974	155208	1.199 ug/ml
8) N-DOCOSANE	14.175	156240	1.236 ug/ml
10) N-TETRACOSANE	15.281	164873	1.301 ug/mlm
11) N-HEXACOSANE	16.305	157134	1.269 ug/ml
12) N-OCTACOSANE	17.257	169229	1.352 ug/ml
13) N-TRIACONTANE	18.148	191838	1.502 ug/ml
14) N-DOTRIACONTANE	18.983	209071	1.680 ug/ml
15) N-TETRATRIACONTANE	19.768	165276	1.477 ug/ml
16) N-HEXATRIACONTANE	20.509	124411	1.352 ug/ml
17) N-OCTATRIACONTANE	21.270	107137	1.402 ug/ml
18) N-TETRACONTANE	22.224	80797	1.230 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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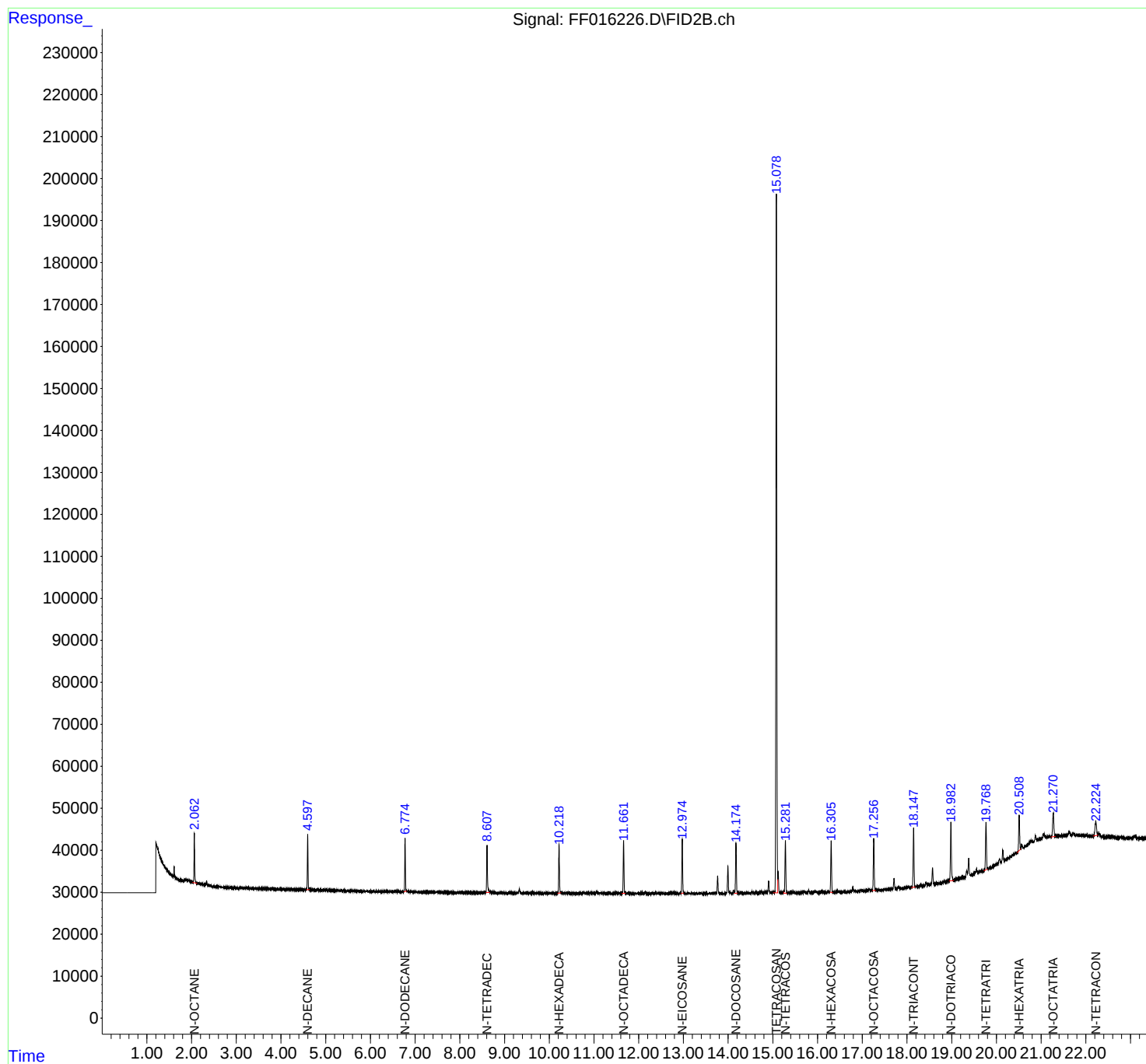
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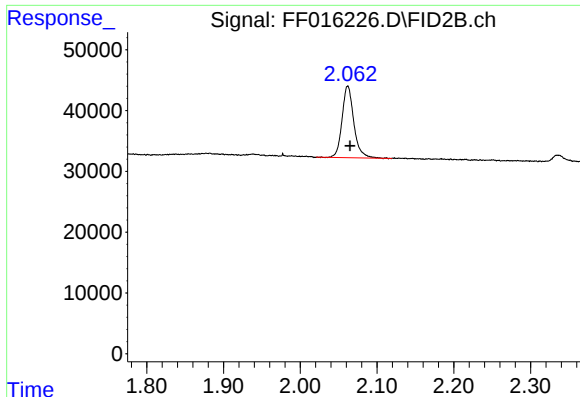
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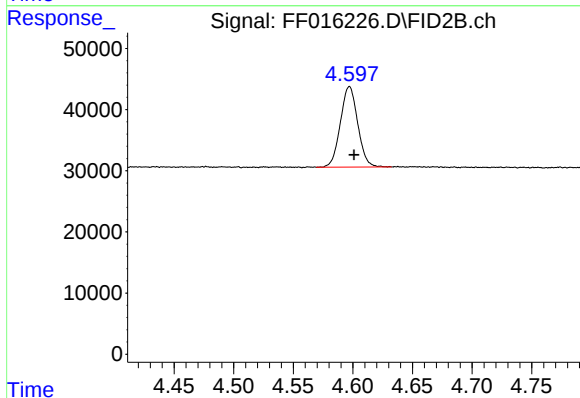
#1 N-OCTANE

R.T.: 2.062 min
Delta R.T.: -0.003 min
Response: 125845
Conc: 1.11 ug/ml

Instrument : FID_F
ClientSampleId : LOD-MDL-WATER-04-QT3-2025

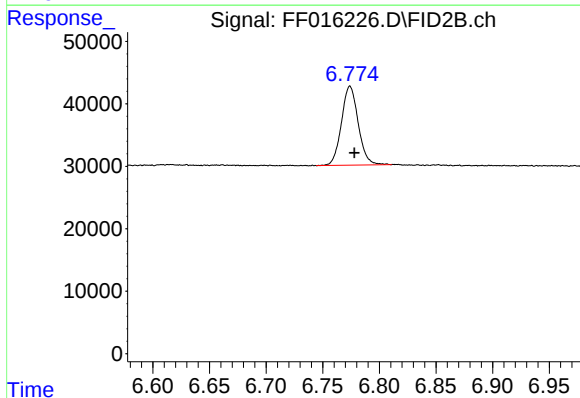
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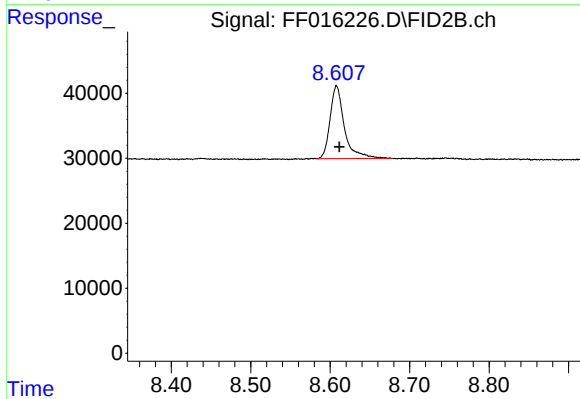
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 133009
Conc: 1.14 ug/ml



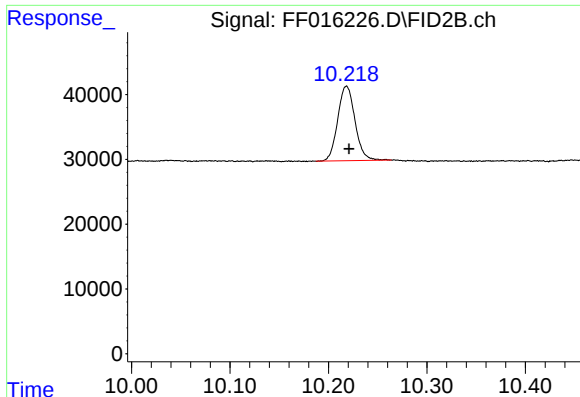
#3 N-DODECANE

R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 129970
Conc: 1.10 ug/ml



#4 N-TETRADECANE

R.T.: 8.608 min
Delta R.T.: -0.003 min
Response: 140368
Conc: 1.16 ug/ml



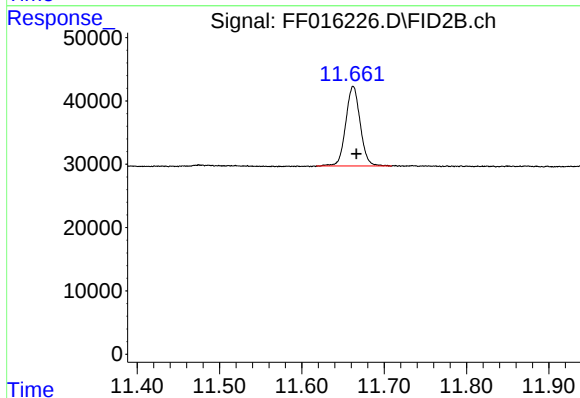
#5 N-HEXADECANE

R.T.: 10.218 min
Delta R.T.: -0.002 min
Response: 140440
Conc: 1.16 ug/ml

Instrument :
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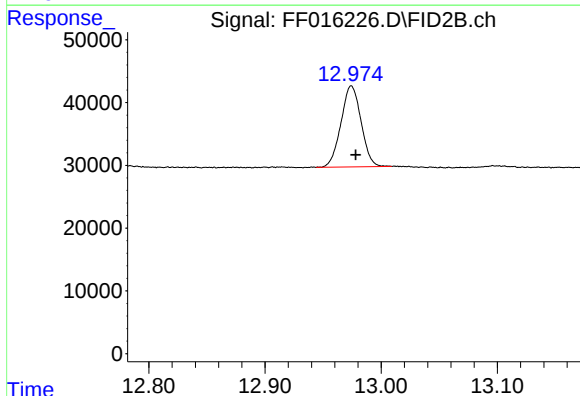
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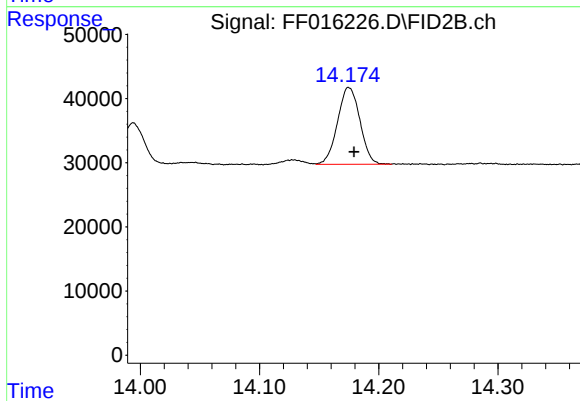
#6 N-OCTADECANE

R.T.: 11.662 min
Delta R.T.: -0.004 min
Response: 153142
Conc: 1.22 ug/ml



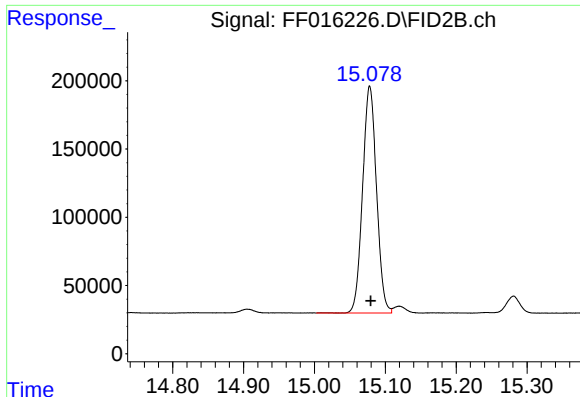
#7 N-EICOSANE

R.T.: 12.974 min
Delta R.T.: -0.004 min
Response: 155208
Conc: 1.20 ug/ml



#8 N-DOCOSANE

R.T.: 14.175 min
Delta R.T.: -0.004 min
Response: 156240
Conc: 1.24 ug/ml



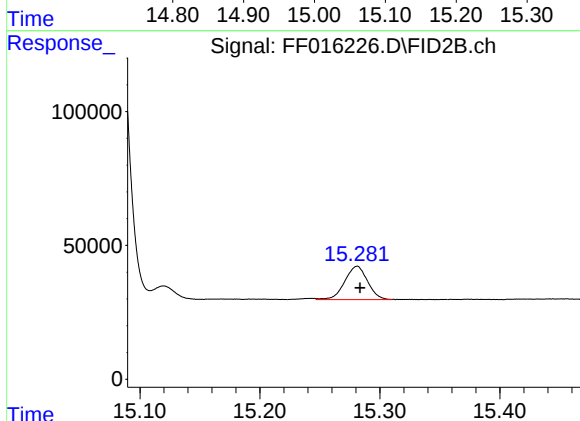
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.078 min
Delta R.T.: -0.002 min
Response: 2267505
Conc: 20.31 ug/ml

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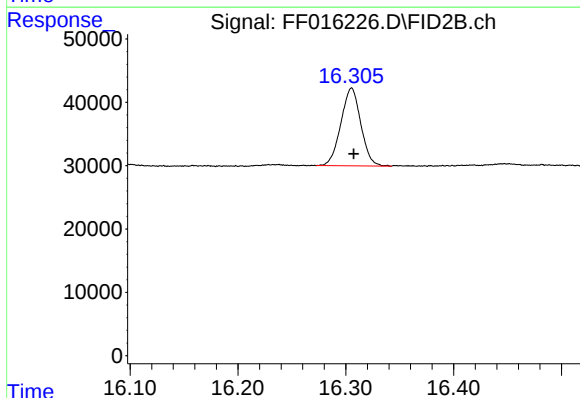
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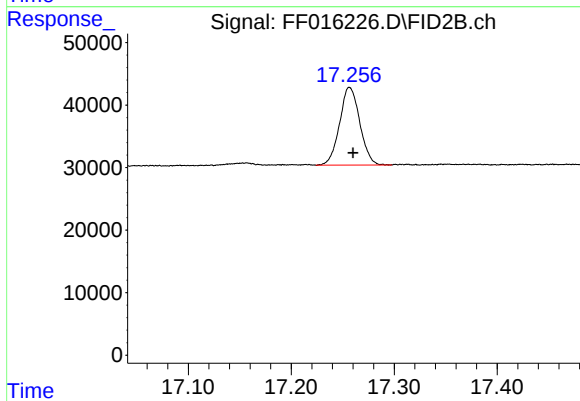
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: -0.003 min
Response: 164873
Conc: 1.30 ug/ml m



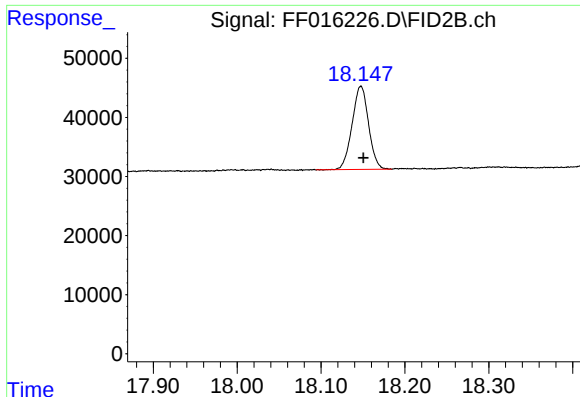
#11 N-HEXACOSANE

R.T.: 16.305 min
Delta R.T.: -0.002 min
Response: 157134
Conc: 1.27 ug/ml



#12 N-OCTACOSANE

R.T.: 17.257 min
Delta R.T.: -0.003 min
Response: 169229
Conc: 1.35 ug/ml



#13 N-TRIACONTANE

R.T.: 18.148 min
Delta R.T.: -0.003 min
Response: 191838
Conc: 1.50 ug/ml

Instrument :

FID_F

ClientSampleId :

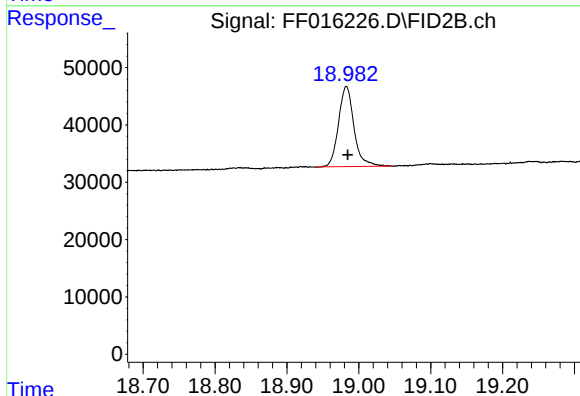
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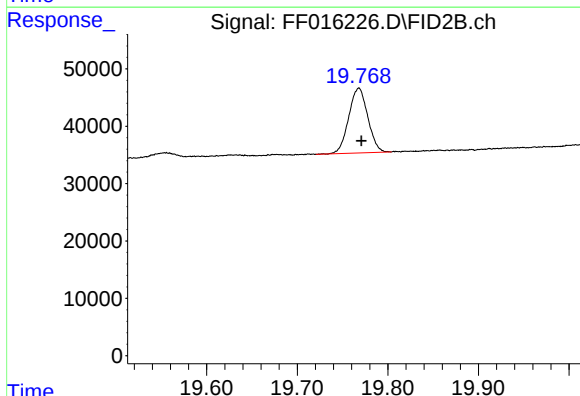
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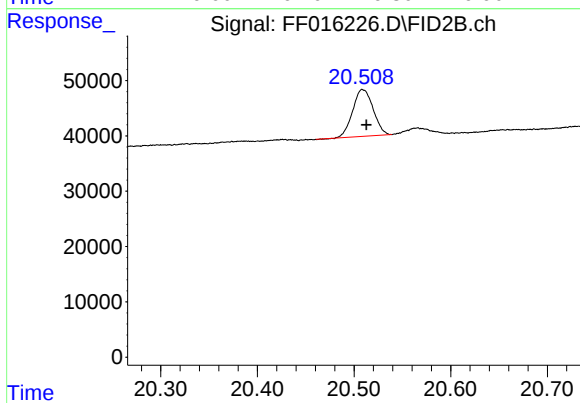
#14 N-DOTRIACONTANE

R.T.: 18.983 min
Delta R.T.: -0.002 min
Response: 209071
Conc: 1.68 ug/ml



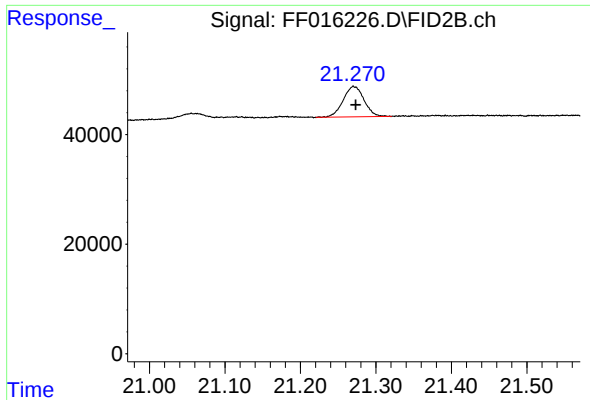
#15 N-TETRATRIACONTANE

R.T.: 19.768 min
Delta R.T.: -0.003 min
Response: 165276
Conc: 1.48 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.509 min
Delta R.T.: -0.004 min
Response: 124411
Conc: 1.35 ug/ml



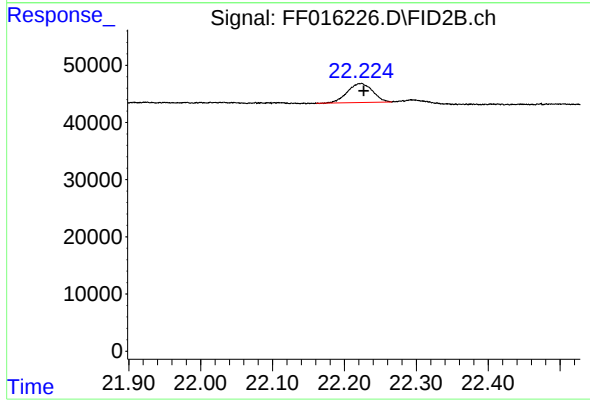
#17 N-OCTATRIACONTANE

R.T.: 21.270 min
Delta R.T.: -0.003 min
Response: 107137
Conc: 1.40 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.224 min
Delta R.T.: -0.003 min
Response: 80797
Conc: 1.23 ug/ml