

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
 Data File : FF016141.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jul 2025 17:12
 Operator : YP\AJ
 Sample : Q2473-04MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PIT#4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
 Quant Time: Jul 11 02:58:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Quant Title :
 QLast Update : Thu Jul 10 12:51:11 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...	15.097	1213604	12.463 ug/ml
Target Compounds			
1) N-OCTANE	2.075	1639039	13.140 ug/ml
2) N-DECANE	4.613	1935325	15.551 ug/ml
3) N-DODECANE	6.790	2007243	16.472 ug/ml
4) N-TETRADECANE	8.624	2067707	17.199 ug/ml
5) N-HEXADECANE	10.234	2117632	18.205 ug/ml
6) N-OCTADECANE	11.680	2154512	18.540 ug/ml
7) N-EICOSANE	12.993	2212363	18.917 ug/ml
8) N-DOCOSANE	14.195	2183379	19.473 ug/ml
10) N-TETRACOSANE	15.302	2432129	21.929 ug/ml
11) N-HEXACOSANE	16.326	2103317	19.588 ug/ml
12) N-OCTACOSANE	17.279	2175161	20.228 ug/mlm
13) N-TRIACONTANE	18.171	2130974	19.675 ug/ml
14) N-DOTRIACONTANE	19.005	1912980	18.242 ug/ml
15) N-TETRATRIACONTANE	19.792	1666913	17.375 ug/ml
16) N-HEXATRIACONTANE	20.535	1410097	16.903 ug/mlm
17) N-OCTATRIACONTANE	21.301	1302802	17.690 ug/ml
18) N-TETRACONTANE	22.263	1307784	19.227 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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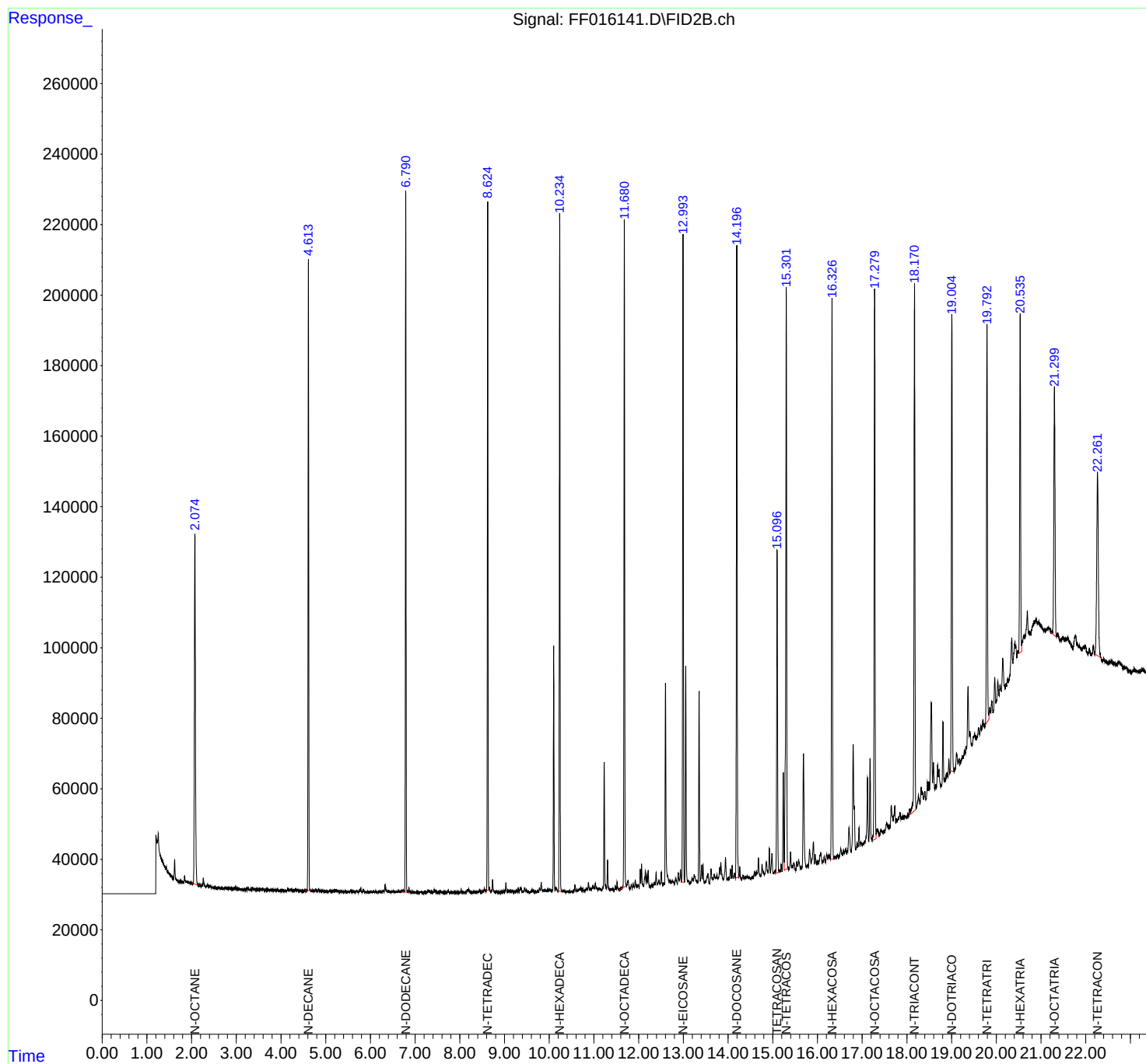
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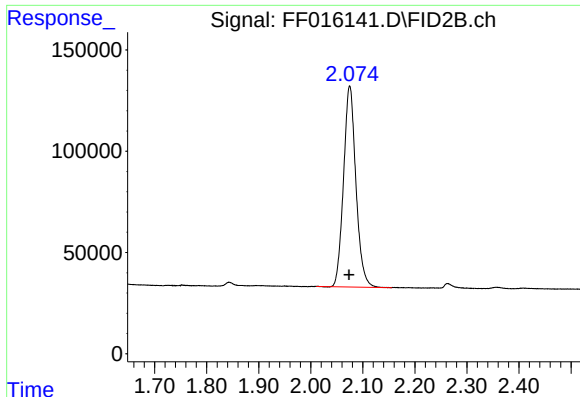
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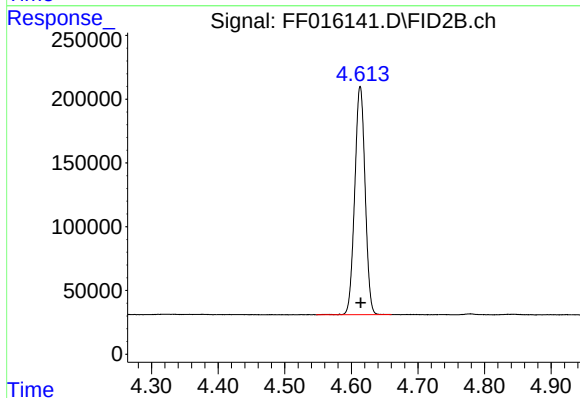
#1 N-OCTANE

R.T.: 2.075 min
Delta R.T.: 0.000 min
Response: 1639039
Conc: 13.14 ug/ml

Instrument :
FID_F
ClientSampleId :
PIT#4MSD

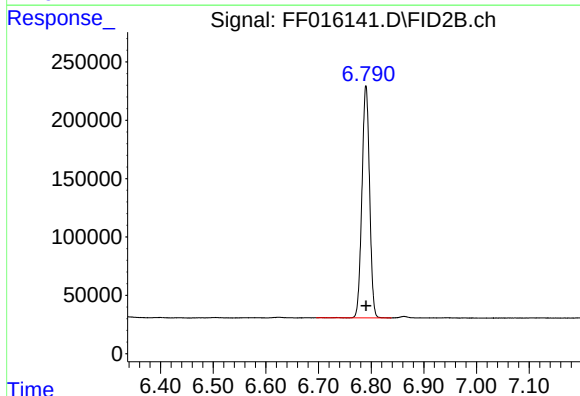
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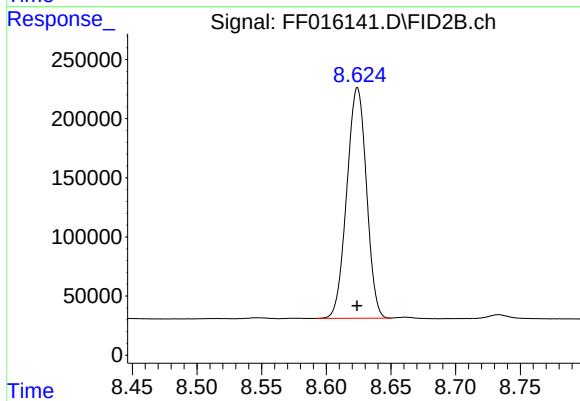
#2 N-DECANE

R.T.: 4.613 min
Delta R.T.: 0.000 min
Response: 1935325
Conc: 15.55 ug/ml



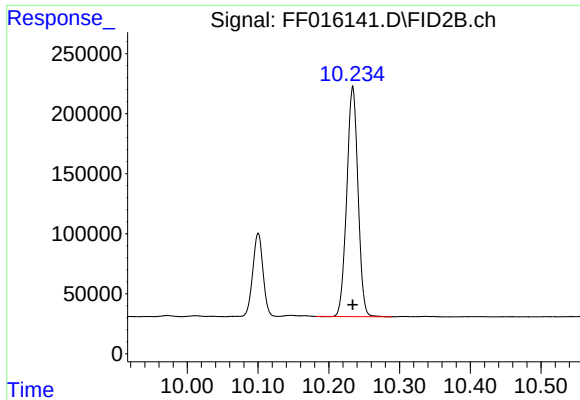
#3 N-DODECANE

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 2007243
Conc: 16.47 ug/ml



#4 N-TETRADECANE

R.T.: 8.624 min
Delta R.T.: 0.000 min
Response: 2067707
Conc: 17.20 ug/ml



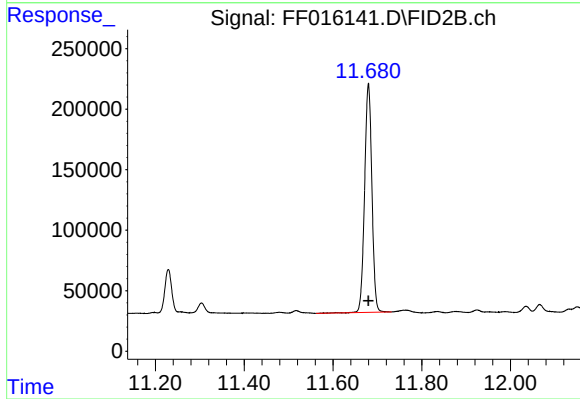
#5 N-HEXADECANE

R.T.: 10.234 min
Delta R.T.: 0.000 min
Response: 2117632
Conc: 18.20 ug/ml

Instrument :
FID_F
ClientSampleId :
PIT#4MSD

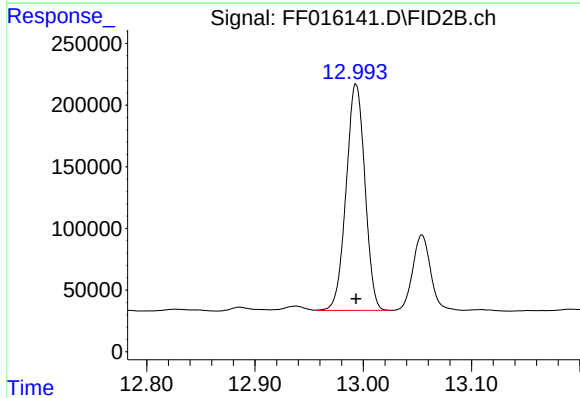
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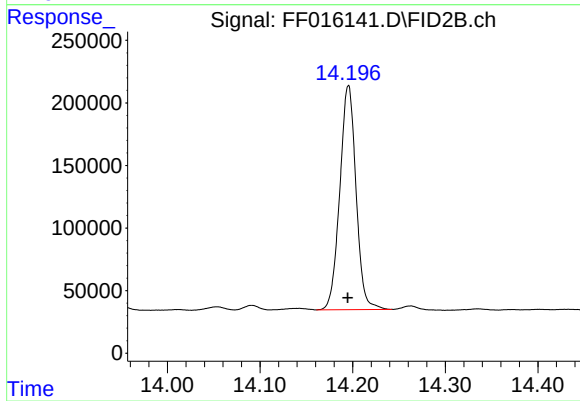
#6 N-OCTADECANE

R.T.: 11.680 min
Delta R.T.: 0.000 min
Response: 2154512
Conc: 18.54 ug/ml



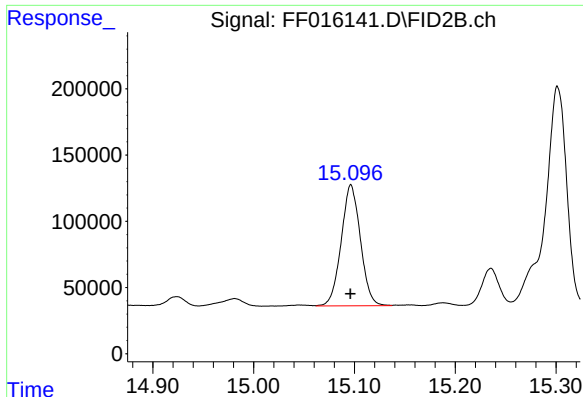
#7 N-EICOSANE

R.T.: 12.993 min
Delta R.T.: 0.000 min
Response: 2212363
Conc: 18.92 ug/ml



#8 N-DOCOSANE

R.T.: 14.195 min
Delta R.T.: 0.000 min
Response: 2183379
Conc: 19.47 ug/ml



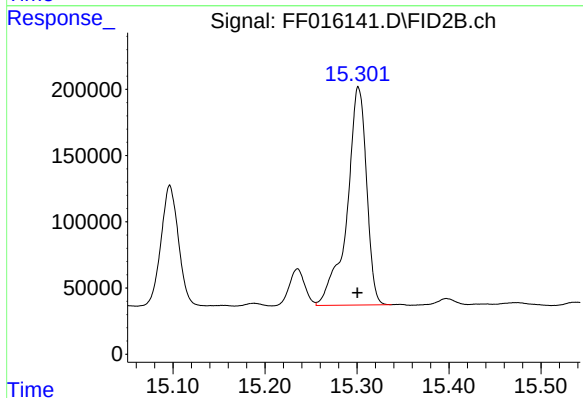
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.097 min
Delta R.T.: 0.000 min
Response: 1213604
Conc: 12.46 ug/ml

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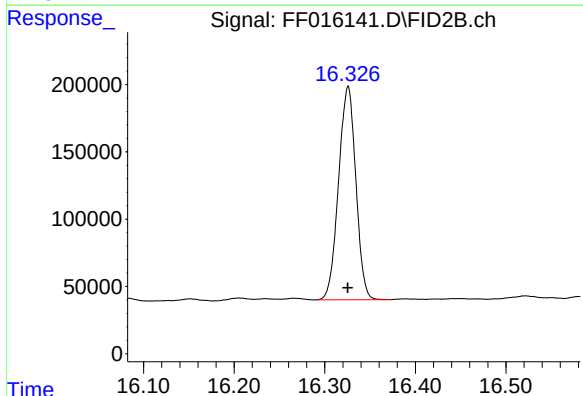
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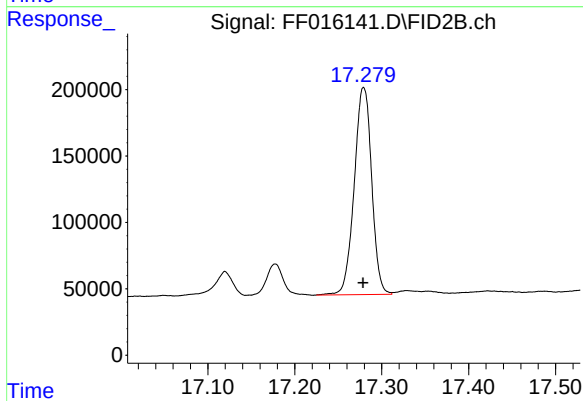
#10 N-TETRACOSANE

R.T.: 15.302 min
Delta R.T.: 0.001 min
Response: 2432129
Conc: 21.93 ug/ml



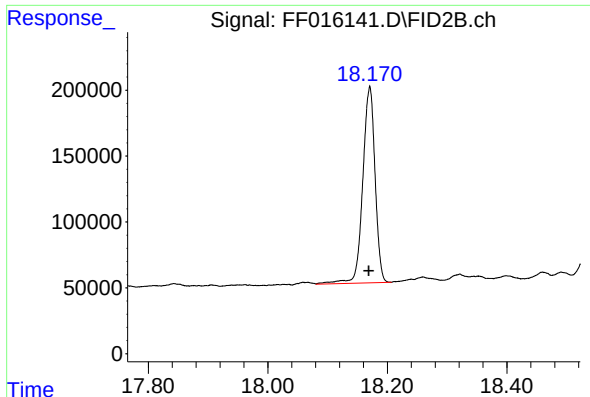
#11 N-HEXACOSANE

R.T.: 16.326 min
Delta R.T.: 0.000 min
Response: 2103317
Conc: 19.59 ug/ml



#12 N-OCTACOSANE

R.T.: 17.279 min
Delta R.T.: 0.000 min
Response: 2175161
Conc: 20.23 ug/ml m



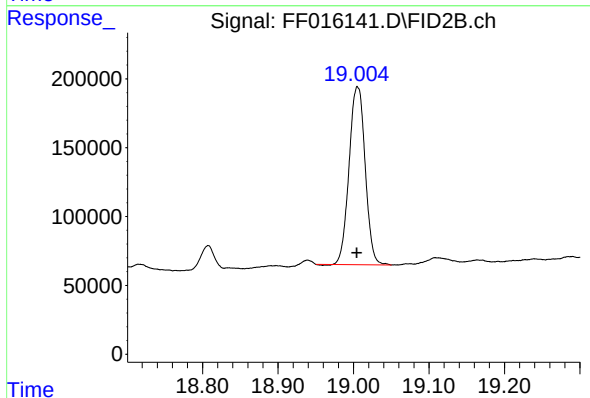
#13 N-TRIACONTANE

R.T.: 18.171 min
Delta R.T.: 0.002 min
Response: 2130974
Conc: 19.67 ug/ml

Instrument :
FID_F
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PIT#4MSD

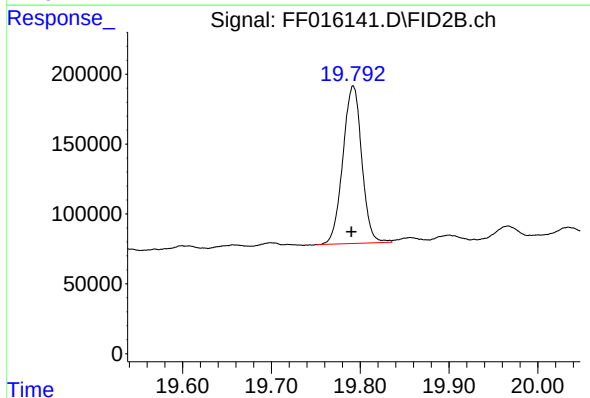
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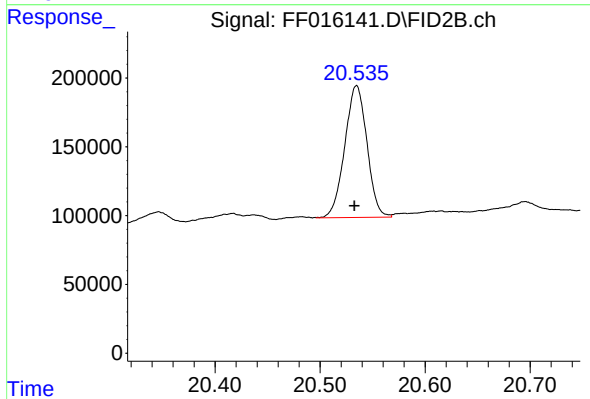
#14 N-DOTRIACONTANE

R.T.: 19.005 min
Delta R.T.: 0.000 min
Response: 1912980
Conc: 18.24 ug/ml



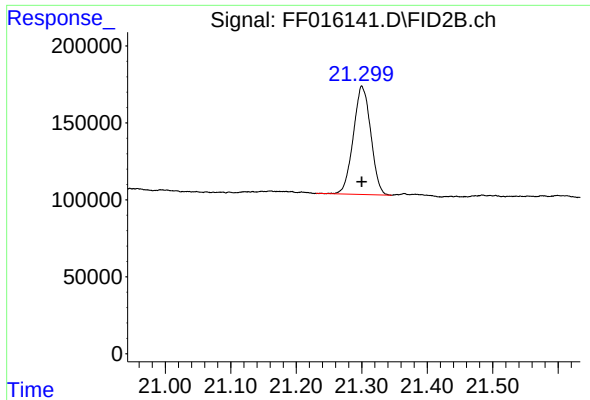
#15 N-TETRATRIACONTANE

R.T.: 19.792 min
Delta R.T.: 0.002 min
Response: 1666913
Conc: 17.37 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.535 min
Delta R.T.: 0.002 min
Response: 1410097
Conc: 16.90 ug/ml m



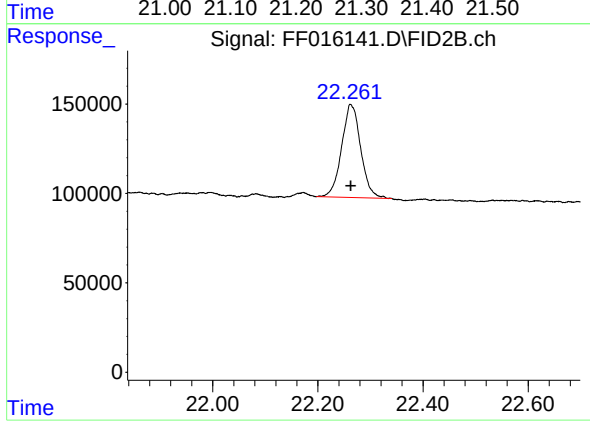
#17 N-OCTATRIACONTANE

R.T.: 21.301 min
Delta R.T.: 0.000 min
Response: 1302802
Conc: 17.69 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.263 min
Delta R.T.: 0.000 min
Response: 1307784
Conc: 19.23 ug/ml