

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101025\
 Data File : FF016561.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2025 15:02
 Operator : YP\AJ
 Sample : Q3305-01MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 AU-06-100725MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/13/2025
 Supervised By :mohammad ahmed 10/14/2025

Integration File: autoint1.e
 Quant Time: Oct 10 23:47:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
 Quant Title :
 QLast Update : Fri Oct 03 03:40:27 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...	15.073	822472	6.993 ug/ml
Target Compounds			
1) N-OCTANE	2.048	1717884	14.537 ug/ml
2) N-DECANE	4.585	1914460	15.925 ug/ml
3) N-DODECANE	6.764	2447222	20.078 ug/mlm
4) N-TETRADECANE	8.600	4178441	33.947 ug/mlm
5) N-HEXADECANE	10.211	5063706	40.461 ug/mlm
6) N-OCTADECANE	11.658	5034295	38.742 ug/mlm
7) N-EICOSANE	12.971	4303138	32.271 ug/mlm
8) N-DOCOSANE	14.172	3104071	23.681 ug/ml
10) N-TETRACOSANE	15.278	2498511	18.862 ug/ml
11) N-HEXACOSANE	16.303	2140875	16.211 ug/mlm
12) N-OCTACOSANE	17.257	2193489	16.702 ug/ml
13) N-TRIACONTANE	18.151	2291733	17.279 ug/ml
14) N-DOTRIACONTANE	18.987	2288339	18.074 ug/ml
15) N-TETRATRIACONTANE	19.777	2652773	25.353 ug/ml
16) N-HEXATRIACONTANE	20.522	2559339	31.105 ug/ml
17) N-OCTATRIACONTANE	21.287	2544729	37.188 ug/ml
18) N-TETRACONTANE	22.246	2341761	39.356 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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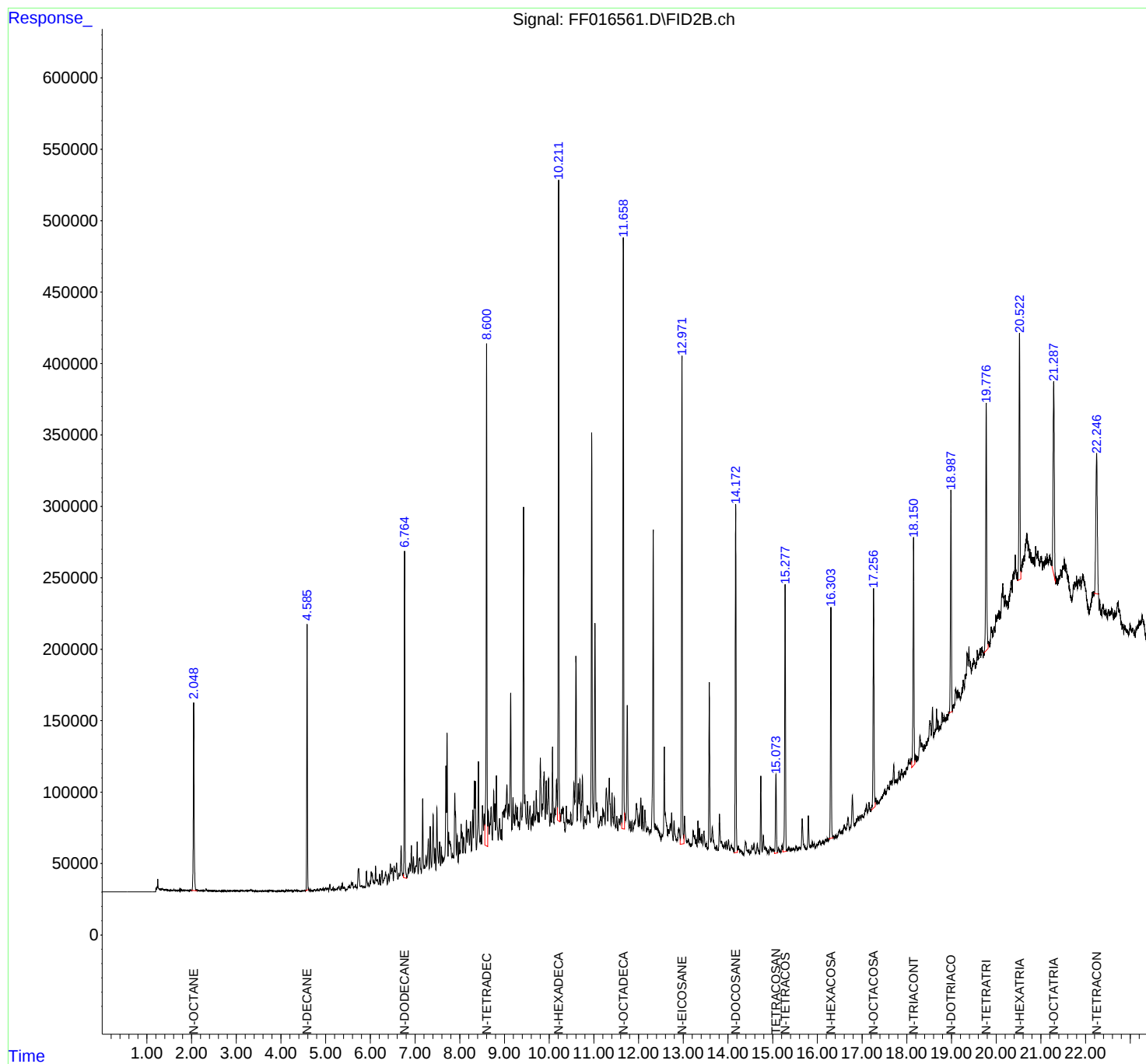
Instrument :
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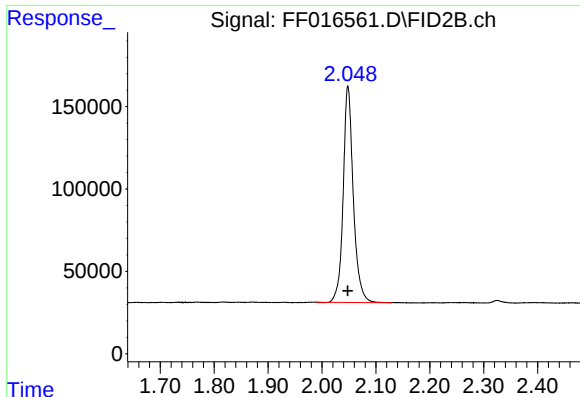
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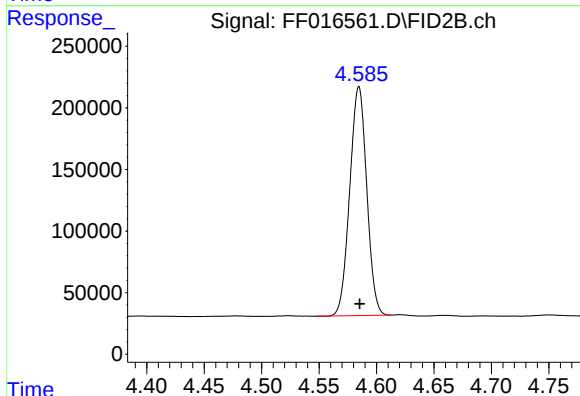
#1 N-OCTANE

R.T.: 2.048 min
Delta R.T.: 0.000 min
Response: 1717884
Conc: 14.54 ug/ml

Instrument :
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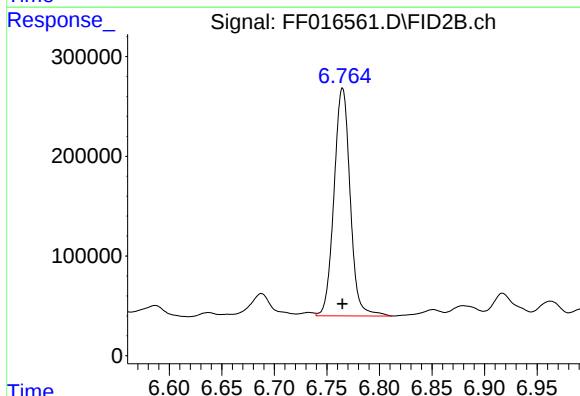
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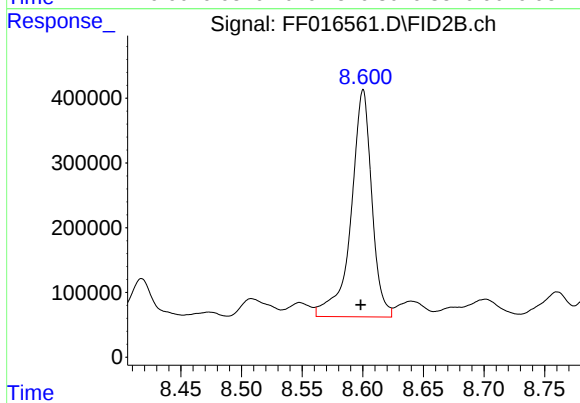
#2 N-DECANE

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 1914460
Conc: 15.92 ug/ml



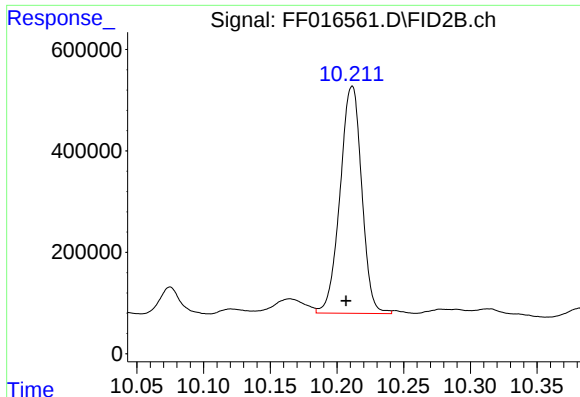
#3 N-DODECANE

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 2447222
Conc: 20.08 ug/ml m



#4 N-TETRADECANE

R.T.: 8.600 min
Delta R.T.: 0.002 min
Response: 4178441
Conc: 33.95 ug/ml m



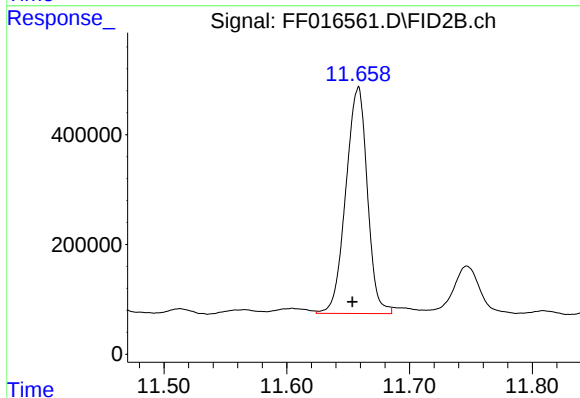
#5 N-HEXADECANE

R.T.: 10.211 min
Delta R.T.: 0.004 min
Response: 5063706
Conc: 40.46 ug/ml

Instrument :
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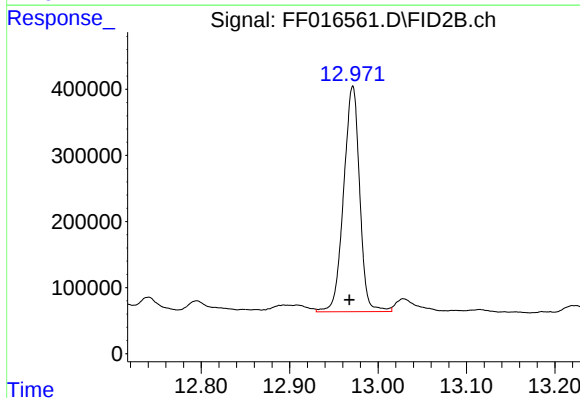
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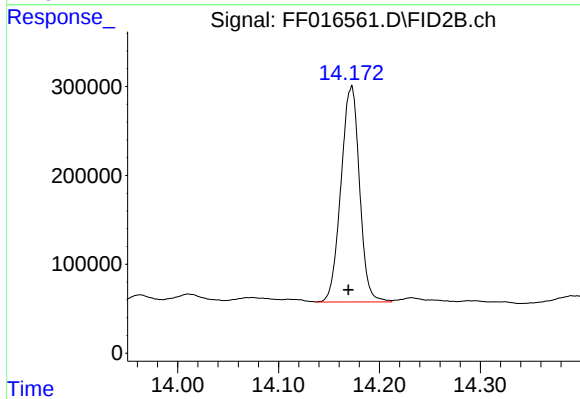
#6 N-OCTADECANE

R.T.: 11.658 min
Delta R.T.: 0.005 min
Response: 5034295
Conc: 38.74 ug/ml m



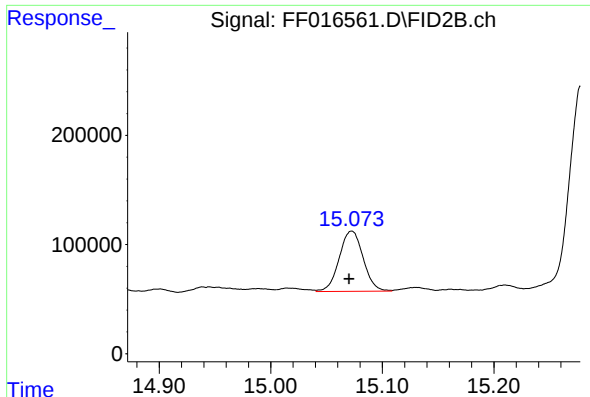
#7 N-EICOSANE

R.T.: 12.971 min
Delta R.T.: 0.004 min
Response: 4303138
Conc: 32.27 ug/ml m



#8 N-DOCOSANE

R.T.: 14.172 min
Delta R.T.: 0.003 min
Response: 3104071
Conc: 23.68 ug/ml



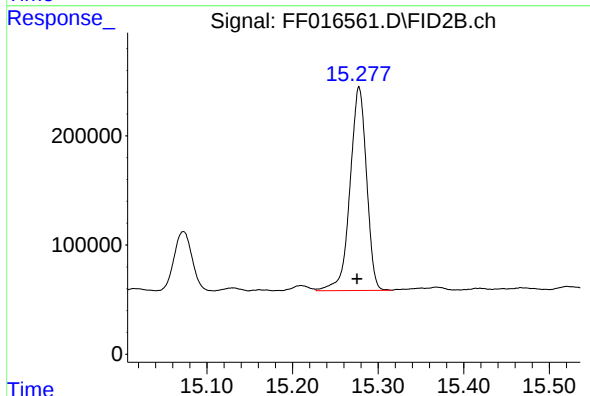
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.073 min
Delta R.T.: 0.003 min
Response: 822472
Conc: 6.99 ug/ml

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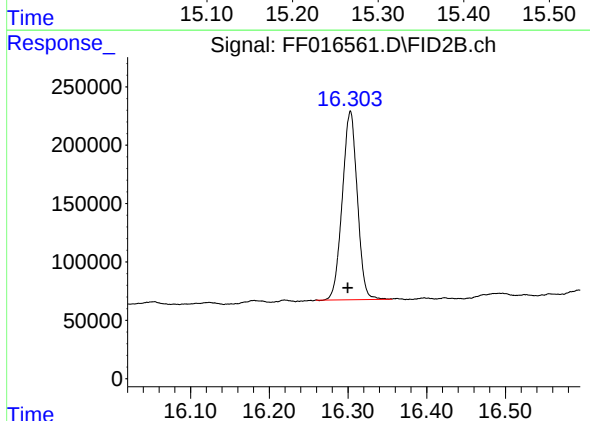
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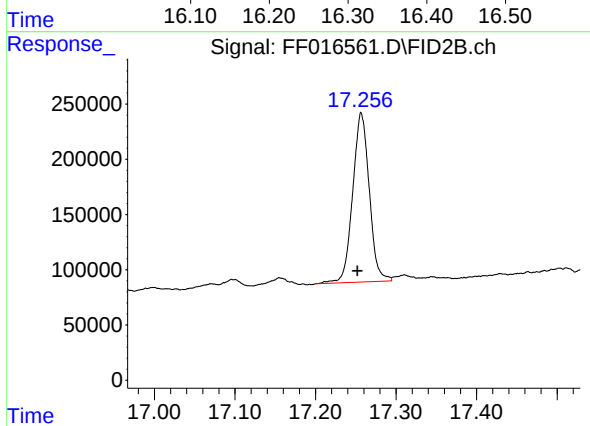
#10 N-TETRACOSANE

R.T.: 15.278 min
Delta R.T.: 0.003 min
Response: 2498511
Conc: 18.86 ug/ml



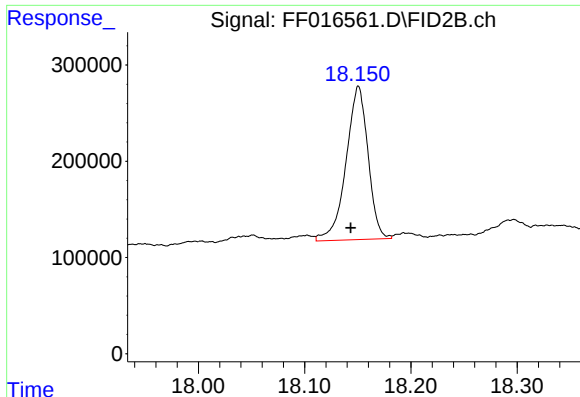
#11 N-HEXACOSANE

R.T.: 16.303 min
Delta R.T.: 0.003 min
Response: 2140875
Conc: 16.21 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.257 min
Delta R.T.: 0.004 min
Response: 2193489
Conc: 16.70 ug/ml



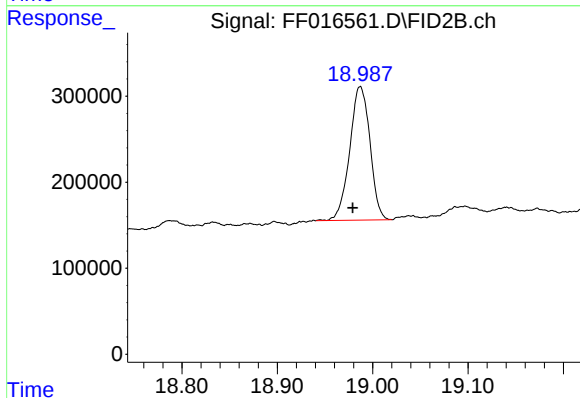
#13 N-TRIACONTANE

R.T.: 18.151 min
Delta R.T.: 0.007 min
Response: 2291733
Conc: 17.28 ug/ml

Instrument :
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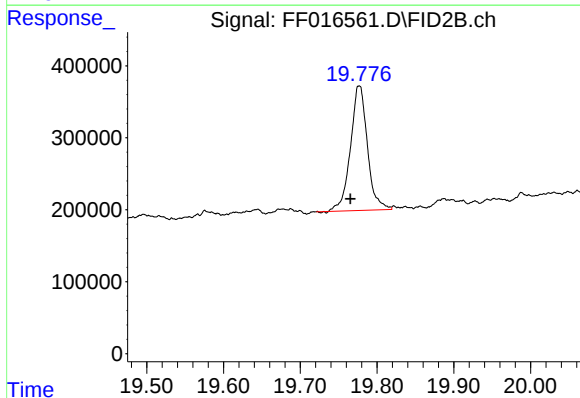
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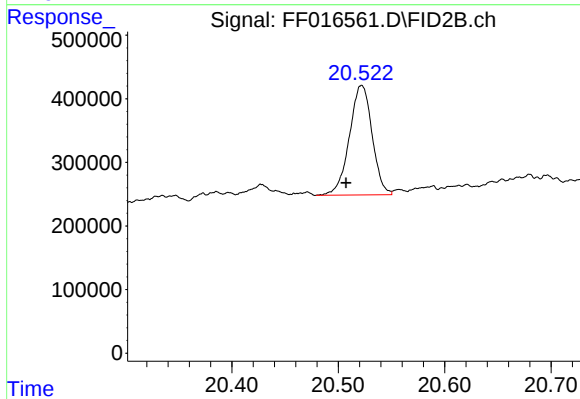
#14 N-DOTRIACONTANE

R.T.: 18.987 min
Delta R.T.: 0.008 min
Response: 2288339
Conc: 18.07 ug/ml



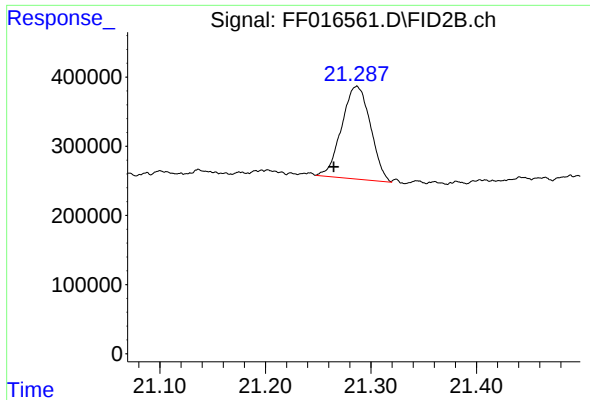
#15 N-TETRATRIACONTANE

R.T.: 19.777 min
Delta R.T.: 0.011 min
Response: 2652773
Conc: 25.35 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.522 min
Delta R.T.: 0.015 min
Response: 2559339
Conc: 31.10 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.287 min
Delta R.T.: 0.022 min
Response: 2544729
Conc: 37.19 ug/ml

Instrument :

FID_F

ClientSampleId :

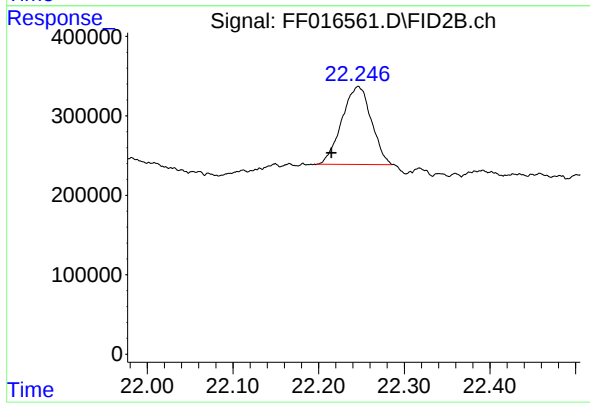
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#18 N-TETRACONTANE

R.T.: 22.246 min
Delta R.T.: 0.031 min
Response: 2341761
Conc: 39.36 ug/ml m