

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF063025\
 Data File : FF016038.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2025 15:09
 Operator : YP\AJ
 Sample : Q2409-02MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 COP-SOIL-PILEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File: autoint1.e
 Quant Time: Jul 01 03:14:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Quant Title :
 QLast Update : Fri Jun 13 15:23:30 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...	15.096	1628522	13.487 ug/ml
Target Compounds			
1) N-OCTANE	2.085	1355378	10.682 ug/ml
2) N-DECANE	4.620	1754376	13.390 ug/ml
3) N-DODECANE	6.795	1937597	14.551 ug/ml
4) N-TETRADECANE	8.627	2028589	15.136 ug/ml
5) N-HEXADECANE	10.236	2134364	15.804 ug/ml
6) N-OCTADECANE	11.681	2209343	15.937 ug/ml
7) N-EICOSANE	12.994	2294529	16.432 ug/ml
8) N-DOCOSANE	14.194	2364986	17.407 ug/ml
10) N-TETRACOSANE	15.300	1997653	14.740 ug/ml
11) N-HEXACOSANE	16.325	2134986	15.905 ug/ml
12) N-OCTACOSANE	17.276	3223277	24.415 ug/ml
13) N-TRIACONTANE	18.167	2407486	18.230 ug/ml
14) N-DOTRIACONTANE	19.002	2184327	17.169 ug/ml
15) N-TETRATRIACONTANE	19.787	1711112	15.301 ug/ml
16) N-HEXATRIACONTANE	20.527	1131423	12.101 ug/ml
17) N-OCTATRIACONTANE	21.294	931820	11.476 ug/ml
18) N-TETRACONTANE	22.251	1212586	17.291 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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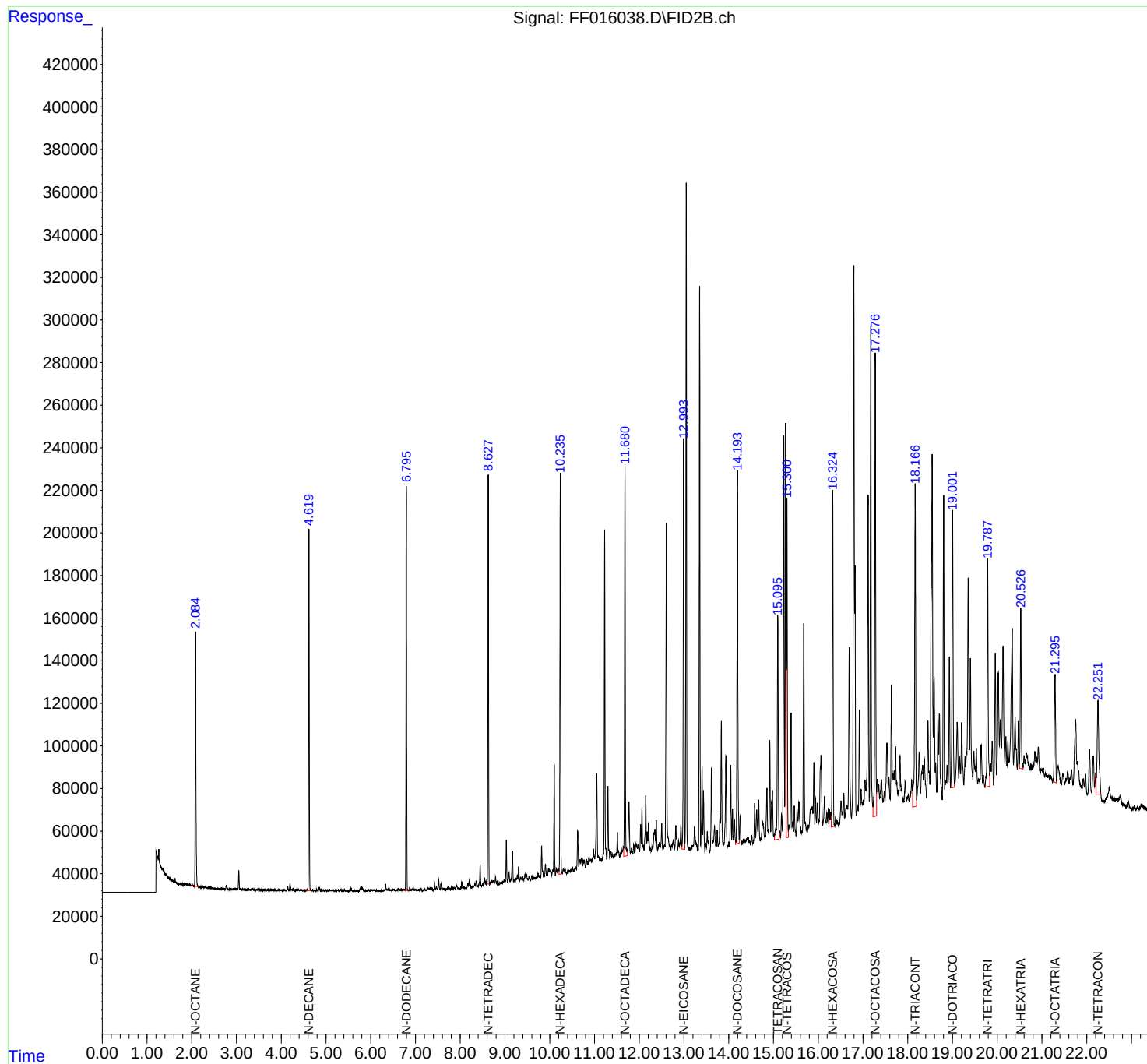
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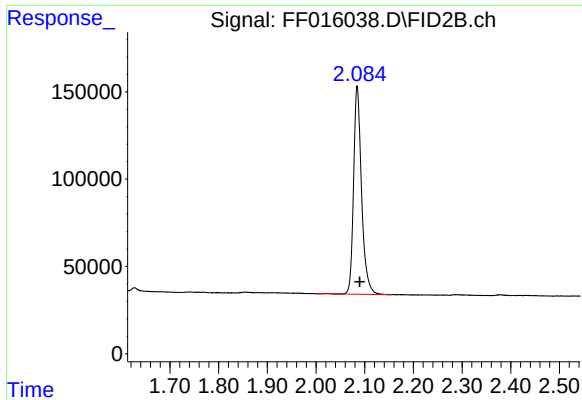
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.085 min
Delta R.T.: -0.005 min
Response: 1355378
Conc: 10.68 ug/ml

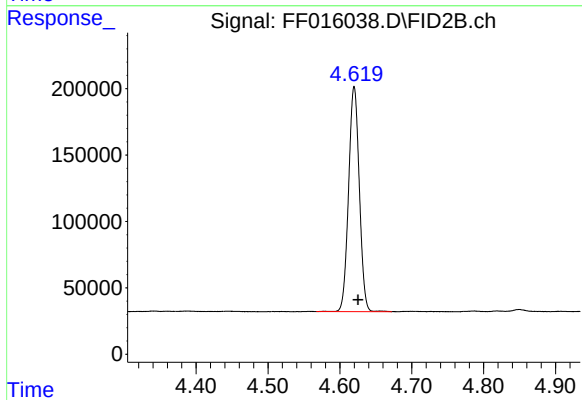
Instrument :

FID_F

ClientSampleId :
COP-SOIL-PILEMS

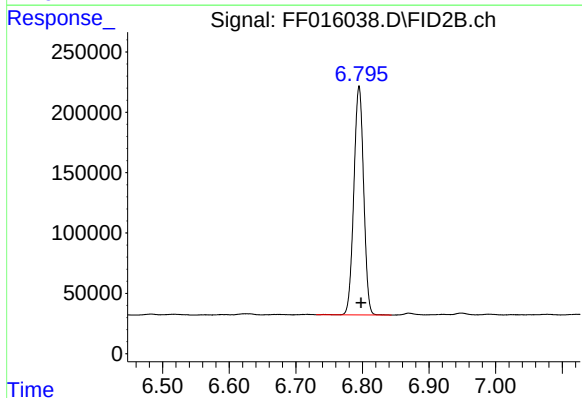
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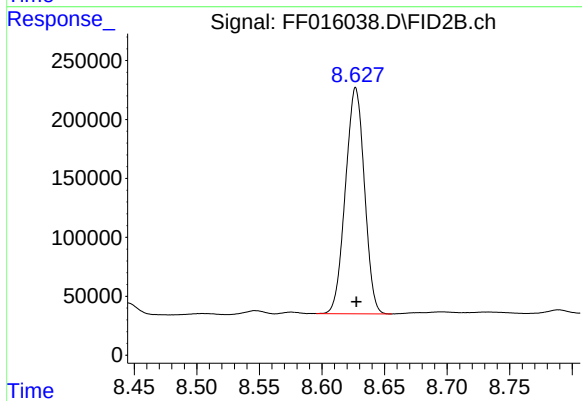
#2 N-DECANE

R.T.: 4.620 min
Delta R.T.: -0.006 min
Response: 1754376
Conc: 13.39 ug/ml



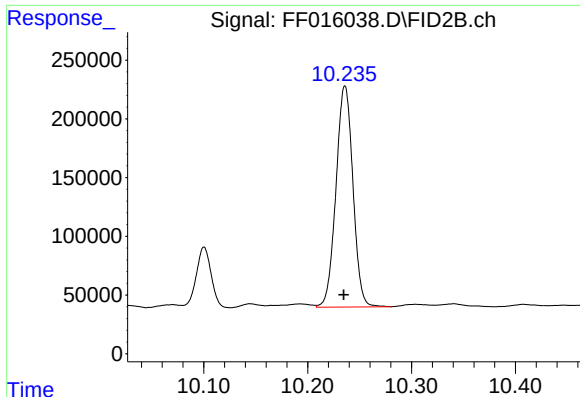
#3 N-DODECANE

R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 1937597
Conc: 14.55 ug/ml



#4 N-TETRADECANE

R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 2028589
Conc: 15.14 ug/ml



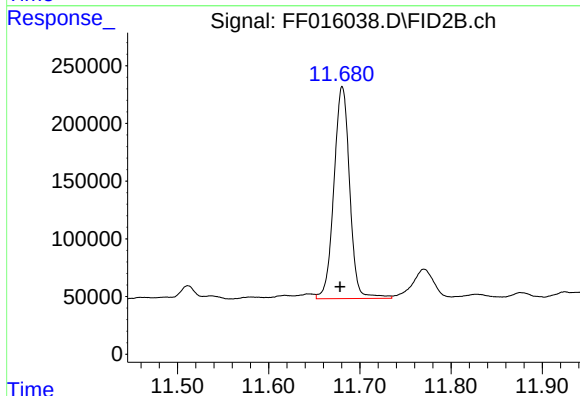
#5 N-HEXADECANE

R.T.: 10.236 min
Delta R.T.: 0.001 min
Response: 2134364
Conc: 15.80 ug/ml

Instrument :
FID_F
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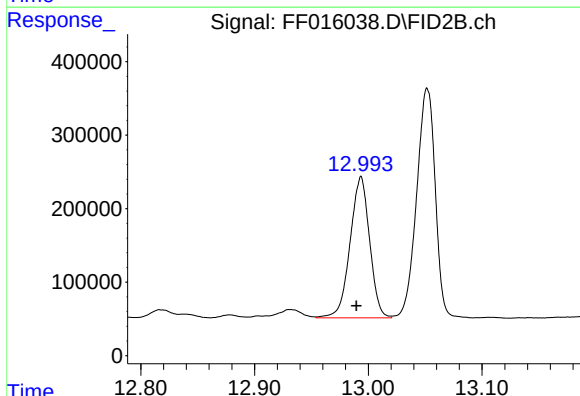
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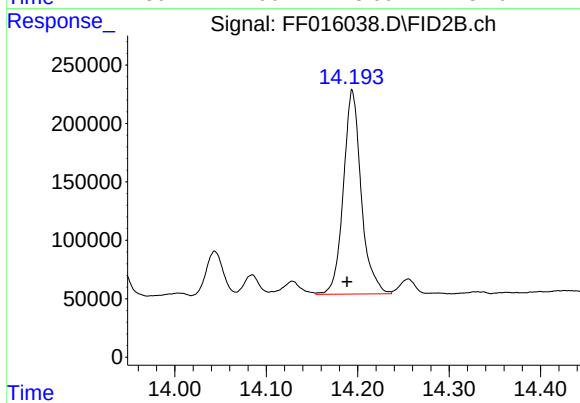
#6 N-OCTADECANE

R.T.: 11.681 min
Delta R.T.: 0.002 min
Response: 2209343
Conc: 15.94 ug/ml



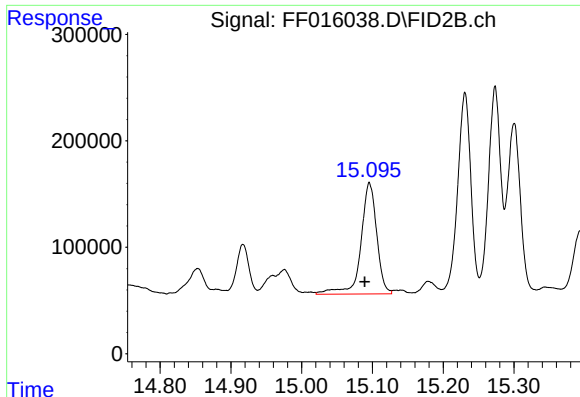
#7 N-EICOSANE

R.T.: 12.994 min
Delta R.T.: 0.004 min
Response: 2294529
Conc: 16.43 ug/ml



#8 N-DOCOSANE

R.T.: 14.194 min
Delta R.T.: 0.006 min
Response: 2364986
Conc: 17.41 ug/ml



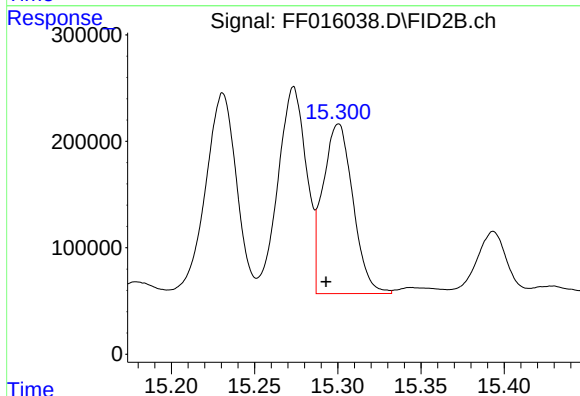
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.096 min
Delta R.T.: 0.007 min
Response: 1628522
Conc: 13.49 ug/ml

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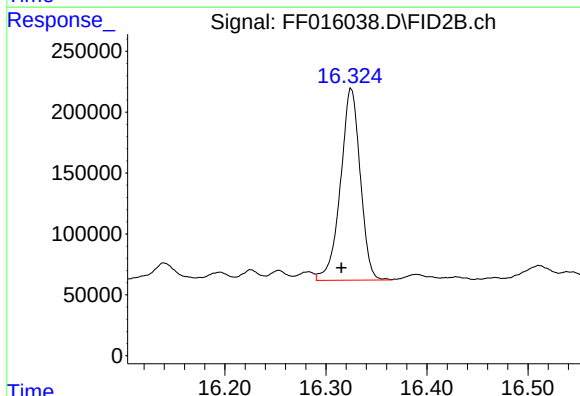
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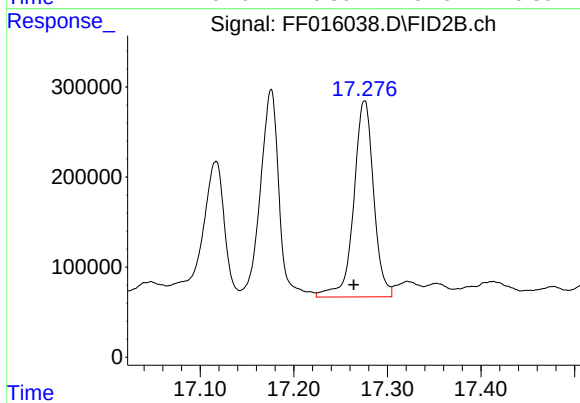
#10 N-TETRACOSANE

R.T.: 15.300 min
Delta R.T.: 0.007 min
Response: 1997653
Conc: 14.74 ug/ml



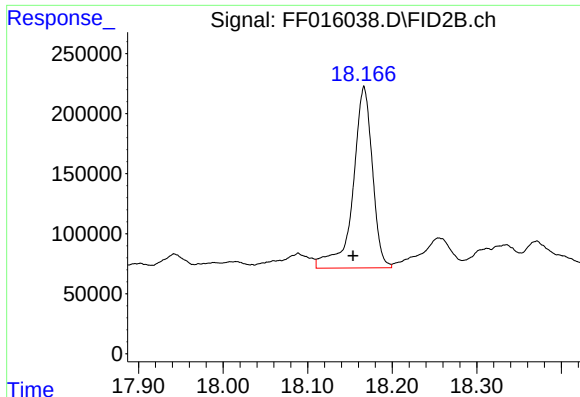
#11 N-HEXACOSANE

R.T.: 16.325 min
Delta R.T.: 0.009 min
Response: 2134986
Conc: 15.90 ug/ml



#12 N-OCTACOSANE

R.T.: 17.276 min
Delta R.T.: 0.012 min
Response: 3223277
Conc: 24.42 ug/ml



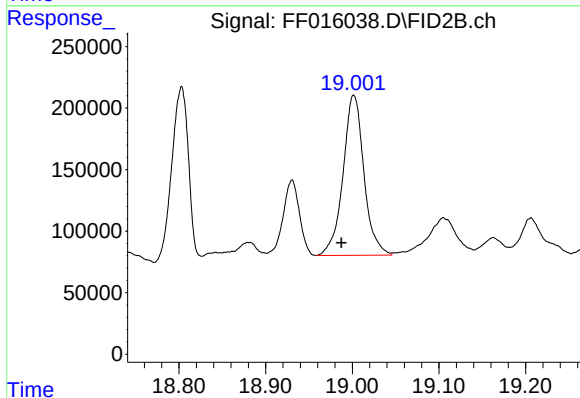
#13 N-TRIACONTANE

R.T.: 18.167 min
Delta R.T.: 0.013 min
Response: 2407486
Conc: 18.23 ug/ml

Instrument :
FID_F
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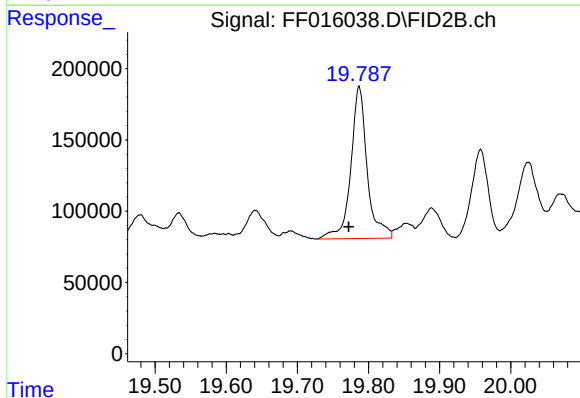
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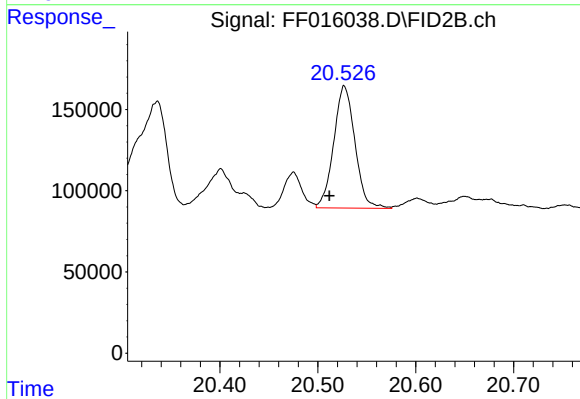
#14 N-DOTRIACONTANE

R.T.: 19.002 min
Delta R.T.: 0.014 min
Response: 2184327
Conc: 17.17 ug/ml



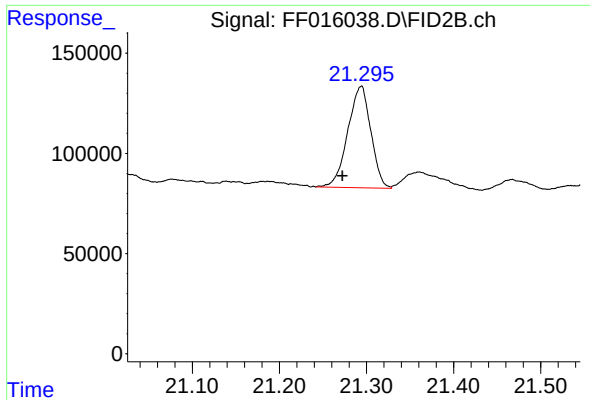
#15 N-TETRATRIACONTANE

R.T.: 19.787 min
Delta R.T.: 0.015 min
Response: 1711112
Conc: 15.30 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.527 min
Delta R.T.: 0.015 min
Response: 1131423
Conc: 12.10 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.294 min
Delta R.T.: 0.022 min
Response: 931820
Conc: 11.48 ug/ml

Instrument :

FID_F

ClientSampleId :

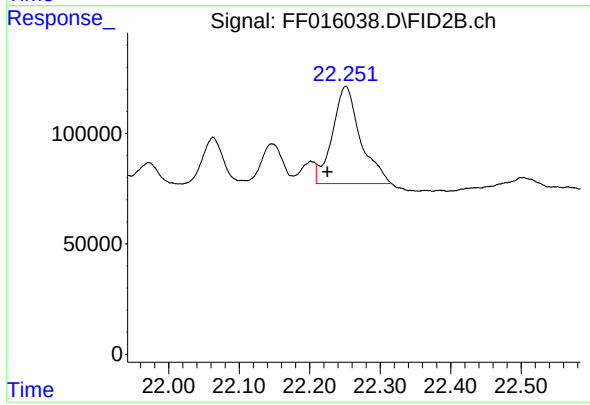
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#18 N-TETRACONTANE

R.T.: 22.251 min
Delta R.T.: 0.026 min
Response: 1212586
Conc: 17.29 ug/ml m