

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF063025\
 Data File : FF016039.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2025 15:39
 Operator : YP\AJ
 Sample : Q2409-02MSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 COP-SOIL-PILEMSD

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 03:15:04 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...	15.098	1389445	11.507 ug/ml
Target Compounds			
1) N-OCTANE	2.083	1196277	9.428 ug/ml
2) N-DECANE	4.620	1553105	11.854 ug/ml
3) N-DODECANE	6.795	1717308	12.897 ug/ml
4) N-TETRADECANE	8.627	1804050	13.461 ug/ml
5) N-HEXADECANE	10.236	1898098	14.054 ug/ml
6) N-OCTADECANE	11.681	2030783	14.649 ug/ml
7) N-EICOSANE	12.994	2148001	15.383 ug/ml
8) N-DOCOSANE	14.194	2112442	15.548 ug/ml
10) N-TETRACOSANE	15.301	1811025	13.363 ug/ml
11) N-HEXACOSANE	16.326	1905932	14.198 ug/ml
12) N-OCTACOSANE	17.276	2908838	22.033 ug/ml
13) N-TRIACONTANE	18.168	2148955	16.272 ug/ml
14) N-DOTRIACONTANE	19.003	1977247	15.541 ug/ml
15) N-TETRATRIACONTANE	19.788	1547322	13.836 ug/ml
16) N-HEXATRIACONTANE	20.530	1024019	10.953 ug/ml
17) N-OCTATRIACONTANE	21.294	869141	10.704 ug/ml
18) N-TETRACONTANE	22.254	1037179	14.789 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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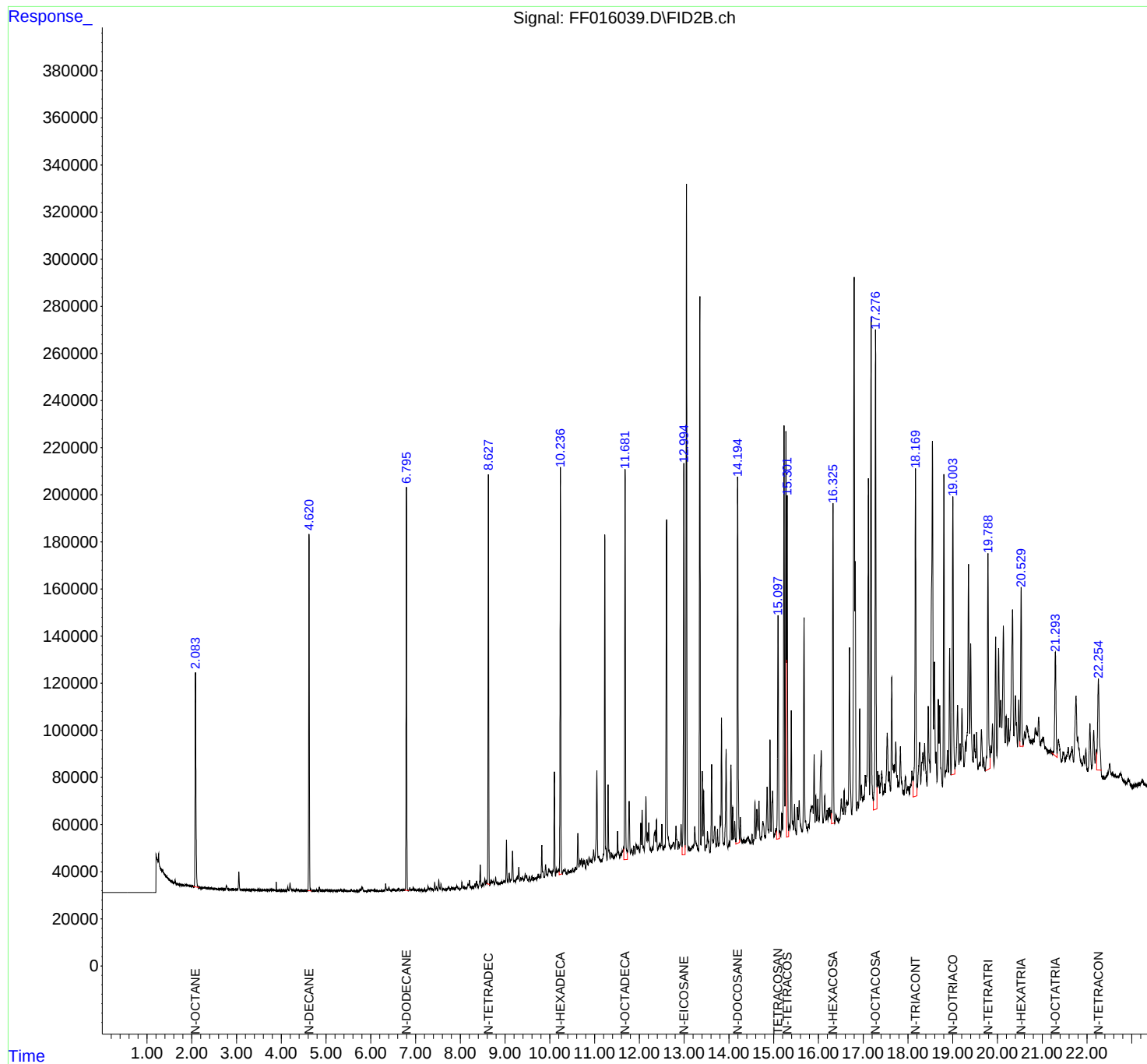
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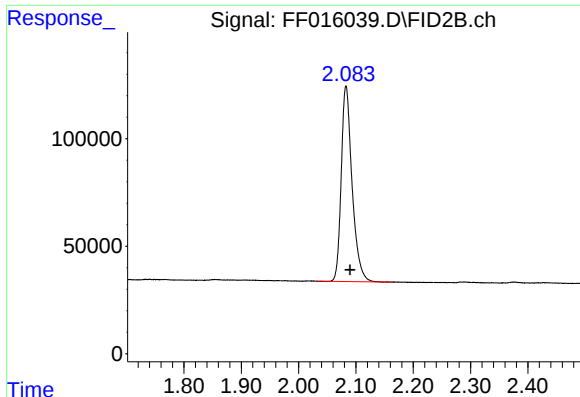
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.083 min
Delta R.T.: -0.007 min
Response: 1196277
Conc: 9.43 ug/ml

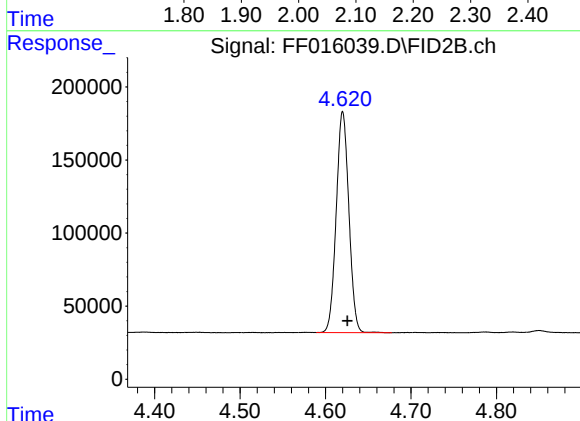
Instrument :

FID_F

ClientSampleId :
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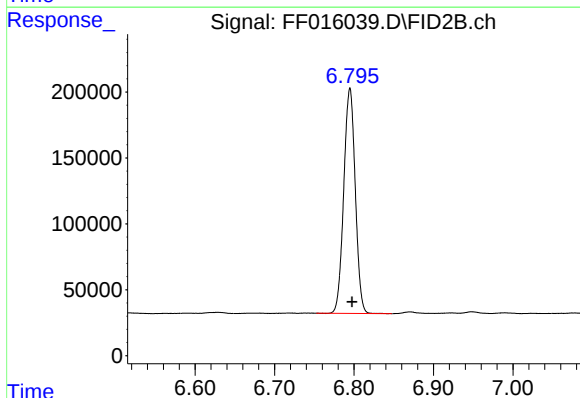
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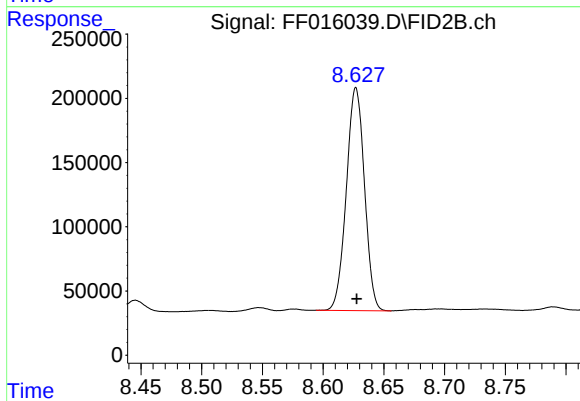
#2 N-DECANE

R.T.: 4.620 min
Delta R.T.: -0.005 min
Response: 1553105
Conc: 11.85 ug/ml



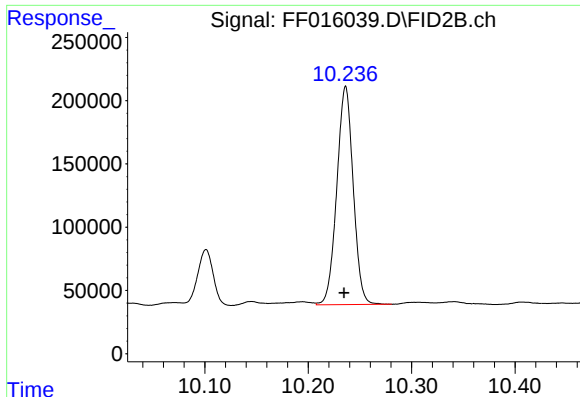
#3 N-DODECANE

R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 1717308
Conc: 12.90 ug/ml



#4 N-TETRADECANE

R.T.: 8.627 min
Delta R.T.: 0.000 min
Response: 1804050
Conc: 13.46 ug/ml



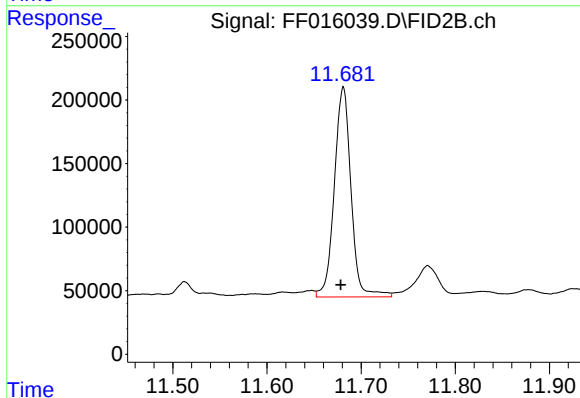
#5 N-HEXADECANE

R.T.: 10.236 min
Delta R.T.: 0.002 min
Response: 1898098
Conc: 14.05 ug/ml

Instrument :
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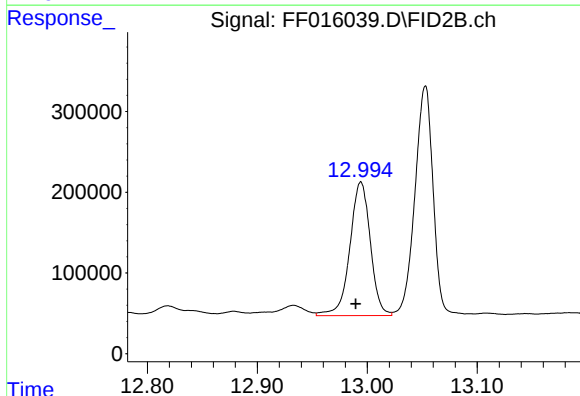
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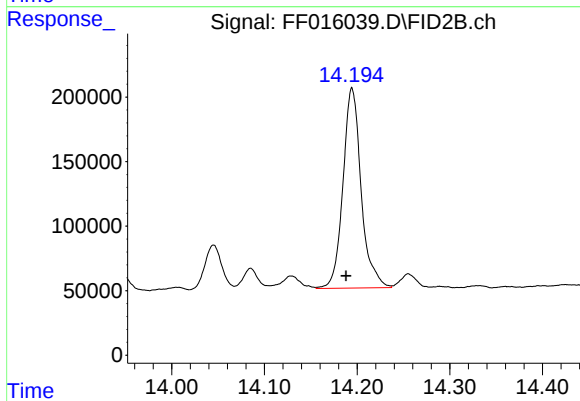
#6 N-OCTADECANE

R.T.: 11.681 min
Delta R.T.: 0.003 min
Response: 2030783
Conc: 14.65 ug/ml



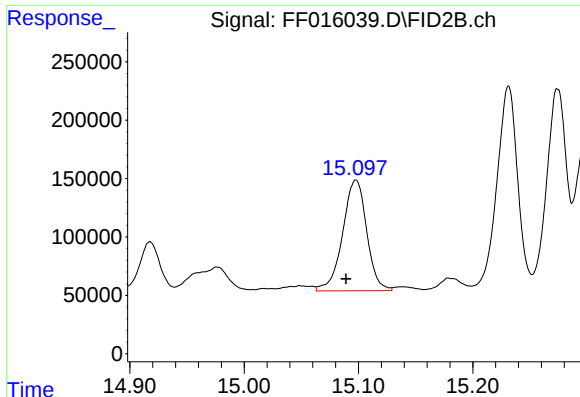
#7 N-EICOSANE

R.T.: 12.994 min
Delta R.T.: 0.005 min
Response: 2148001
Conc: 15.38 ug/ml



#8 N-DOCOSANE

R.T.: 14.194 min
Delta R.T.: 0.006 min
Response: 2112442
Conc: 15.55 ug/ml



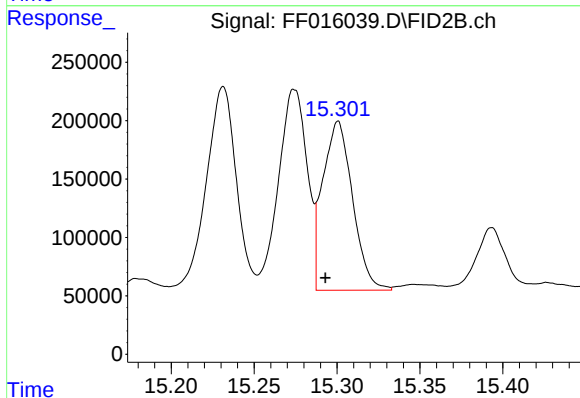
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.098 min
Delta R.T.: 0.009 min
Response: 1389445
Conc: 11.51 ug/ml

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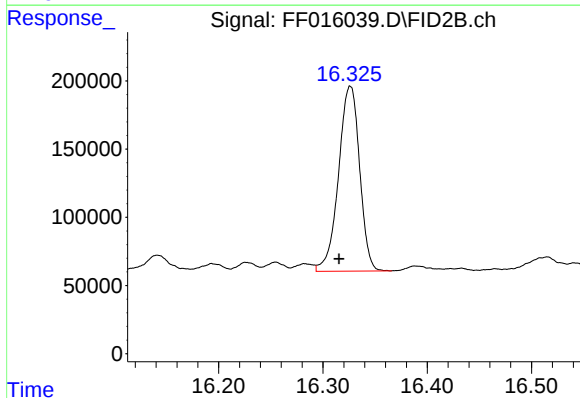
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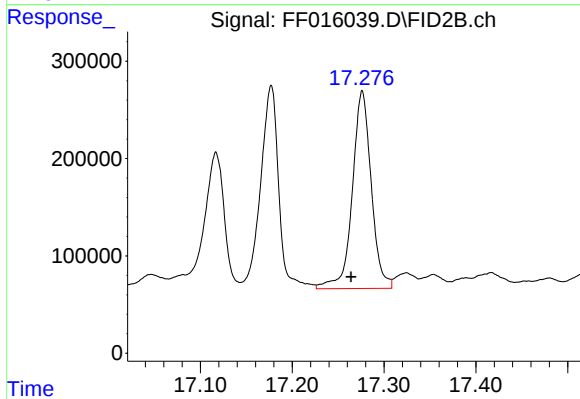
#10 N-TETRACOSANE

R.T.: 15.301 min
Delta R.T.: 0.008 min
Response: 1811025
Conc: 13.36 ug/ml



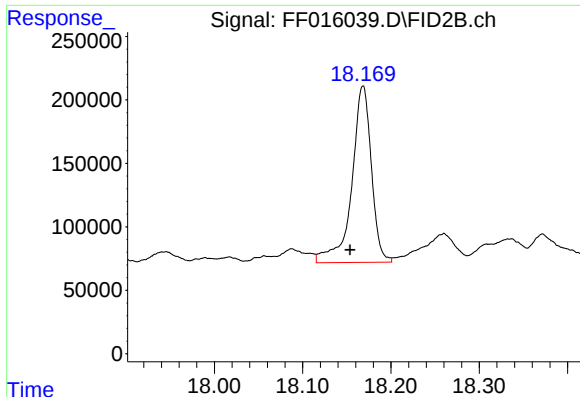
#11 N-HEXACOSANE

R.T.: 16.326 min
Delta R.T.: 0.011 min
Response: 1905932
Conc: 14.20 ug/ml



#12 N-OCTACOSANE

R.T.: 17.276 min
Delta R.T.: 0.012 min
Response: 2908838
Conc: 22.03 ug/ml



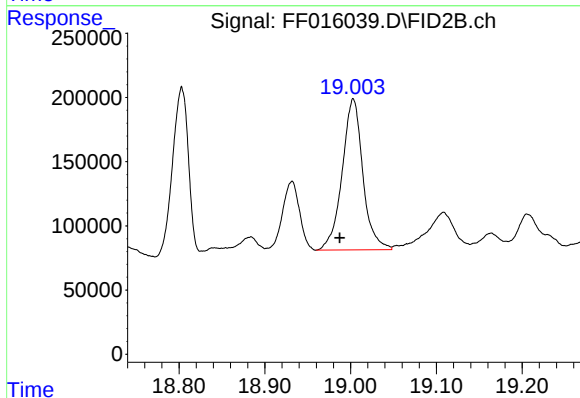
#13 N-TRIACONTANE

R.T.: 18.168 min
Delta R.T.: 0.015 min
Response: 2148955
Conc: 16.27 ug/ml

Instrument :
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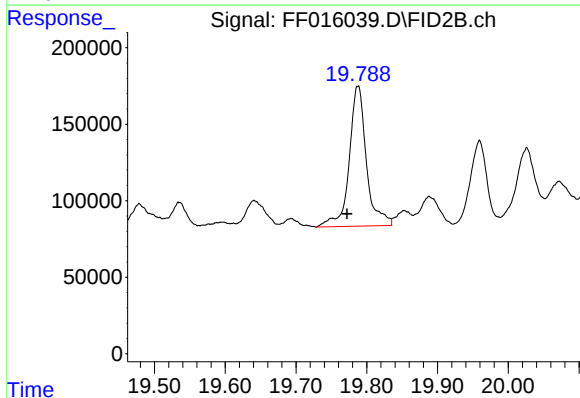
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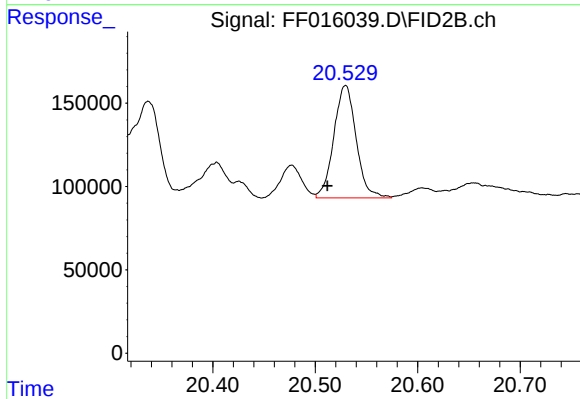
#14 N-DOTRIACONTANE

R.T.: 19.003 min
Delta R.T.: 0.016 min
Response: 1977247
Conc: 15.54 ug/ml



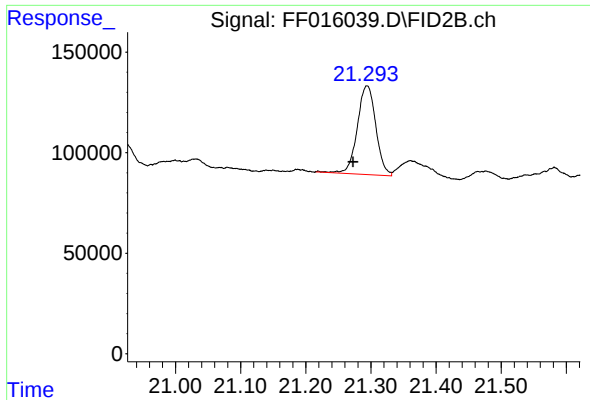
#15 N-TETRATRIACONTANE

R.T.: 19.788 min
Delta R.T.: 0.016 min
Response: 1547322
Conc: 13.84 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.530 min
Delta R.T.: 0.018 min
Response: 1024019
Conc: 10.95 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.294 min
Delta R.T.: 0.022 min
Response: 869141
Conc: 10.70 ug/ml

Instrument :

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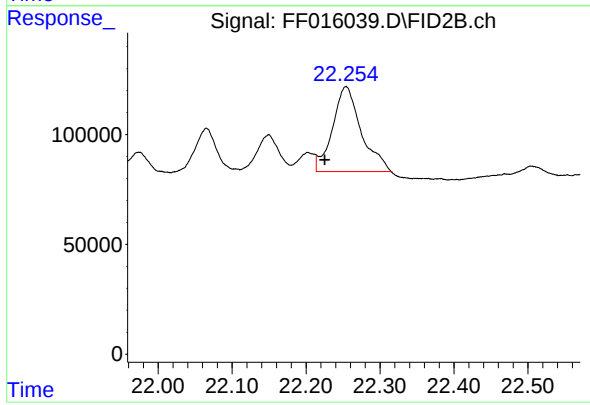
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#18 N-TETRACONTANE

R.T.: 22.254 min
Delta R.T.: 0.029 min
Response: 1037179
Conc: 14.79 ug/ml m