

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
 Data File : FF015927.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jun 2025 20:01
 Operator : YP\AJ
 Sample : Q2126-05
 Misc : 5 PPM SOIL LOD
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-05-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e
 Quant Time: Jun 11 04:45:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052125.M
 Quant Title :
 QLast Update : Wed May 21 12:32:51 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...	15.024	2020453	16.543 ug/ml
Target Compounds			
1) N-OCTANE	2.044	361592	2.966 ug/mlm
2) N-DECANE	4.611	402881	3.399 ug/mlm
3) N-DODECANE	6.819f	541731	4.306 ug/mlm
4) N-TETRADECANE	8.658f	438280	3.493 ug/mlm
5) N-HEXADECANE	10.219	512203	3.905 ug/mlm
6) N-OCTADECANE	11.639	547015	3.981 ug/mlm
7) N-EICOSANE	12.939	517306	3.636 ug/ml
8) N-DOCOSANE	14.130	525108	3.780 ug/ml
10) N-TETRACOSANE	15.234	563318	4.041 ug/ml
11) N-HEXACOSANE	16.255	541908	3.907 ug/ml
12) N-OCTACOSANE	17.203	548958	3.993 ug/ml
13) N-TRIACONTANE	18.089	571271	4.103 ug/ml
14) N-DOTRIACONTANE	18.922	568333	4.209 ug/ml
15) N-TETRATRIACONTANE	19.705	506782	4.109 ug/ml
16) N-HEXATRIACONTANE	20.445	431545	3.973 ug/ml
17) N-OCTATRIACONTANE	21.185	353846	3.729 ug/ml
18) N-TETRACONTANE	22.107	286009	3.367 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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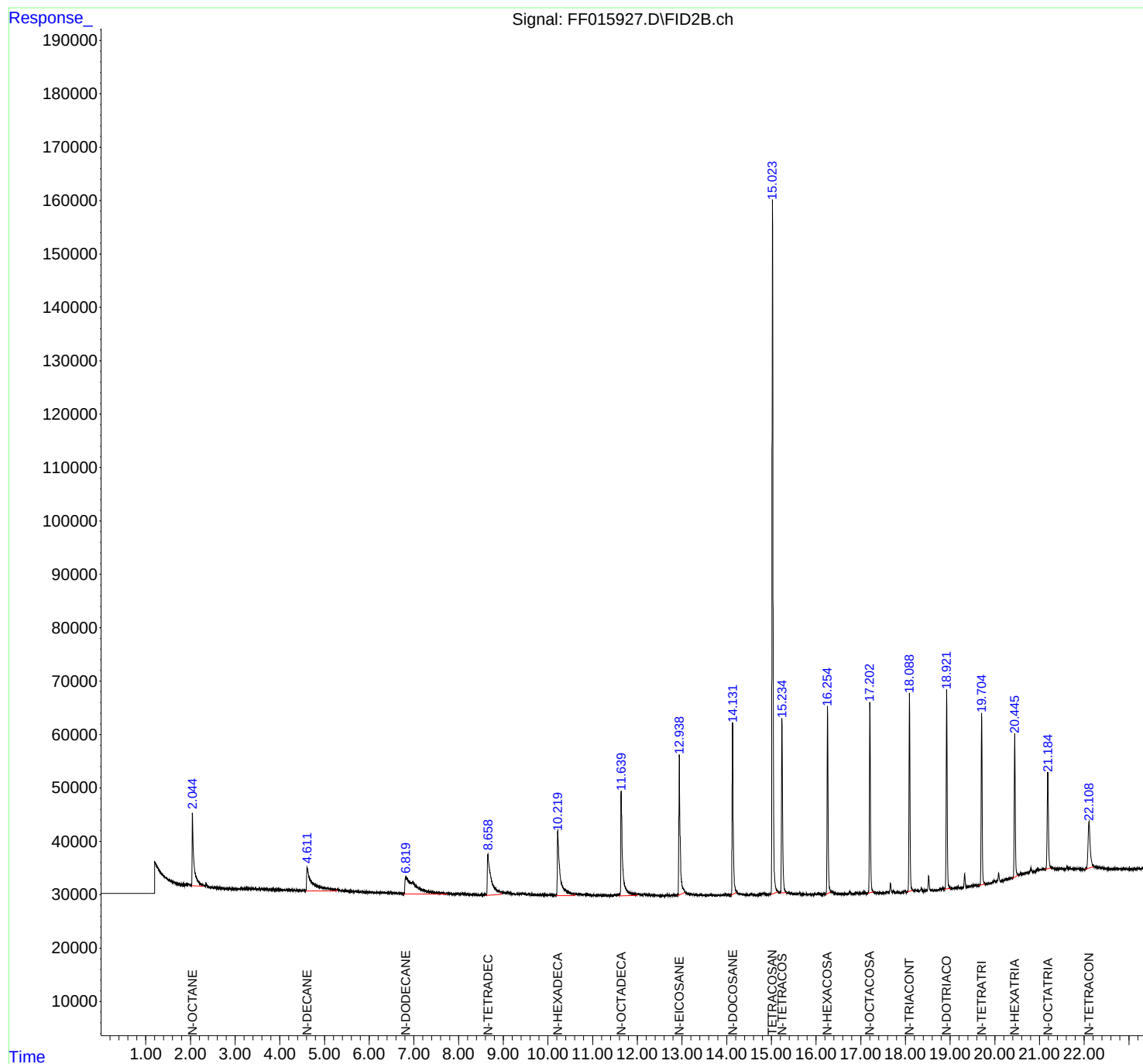
Instrument :
FID_F
ClientSampleId :
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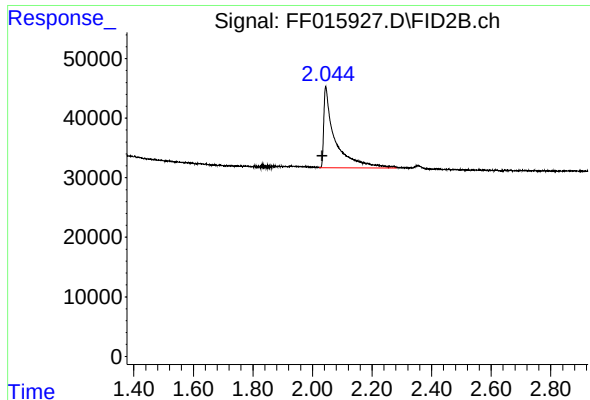
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Quant Time: Jun 11 04:45:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052125.M
Quant Title :
QLast Update : Wed May 21 12:32:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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





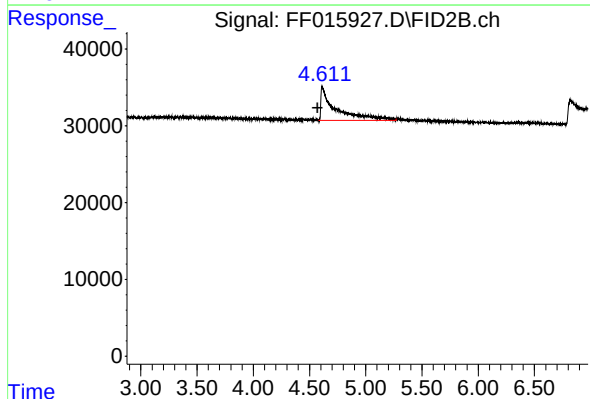
#1 N-OCTANE

R.T.: 2.044 min
Delta R.T.: 0.011 min
Response: 361592
Conc: 2.97 ug/ml

Instrument : FID_F
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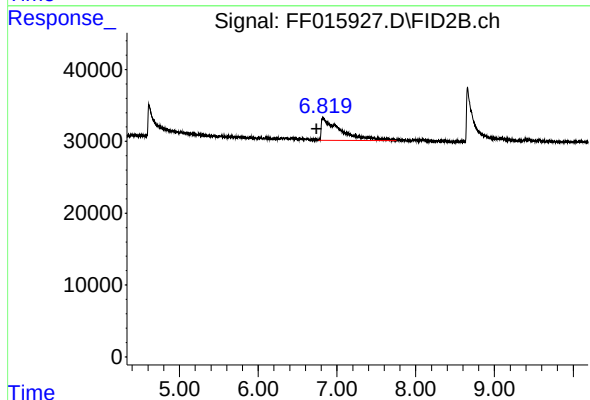
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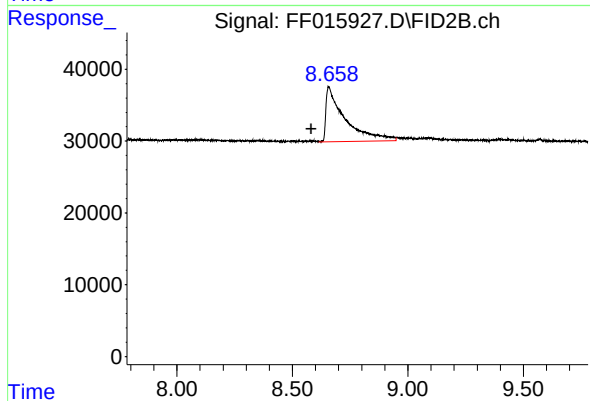
#2 N-DECANE

R.T.: 4.611 min
Delta R.T.: 0.040 min
Response: 402881
Conc: 3.40 ug/ml m



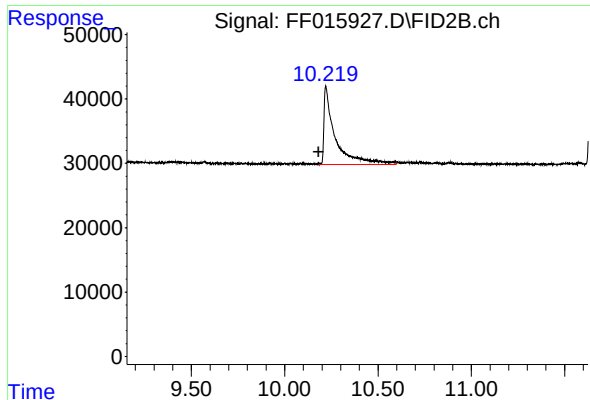
#3 N-DODECANE

R.T.: 6.819 min
Delta R.T.: 0.078 min
Response: 541731
Conc: 4.31 ug/ml m



#4 N-TETRADECANE

R.T.: 8.658 min
Delta R.T.: 0.076 min
Response: 438280
Conc: 3.49 ug/ml m



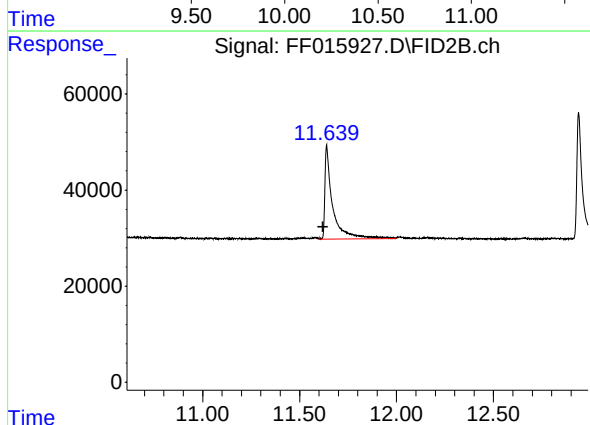
#5 N-HEXADECANE

R.T.: 10.219 min
Delta R.T.: 0.035 min
Response: 512203
Conc: 3.91 ug/ml

Instrument :
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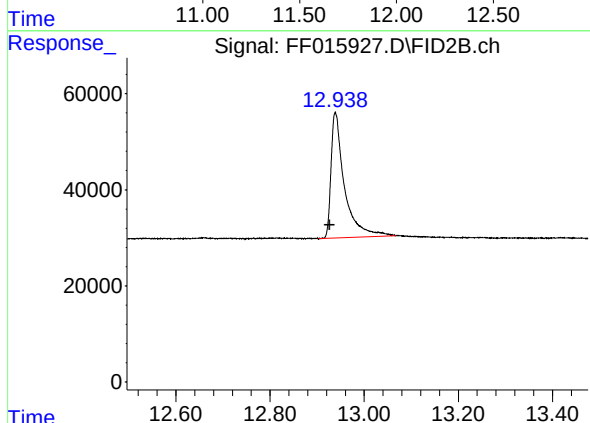
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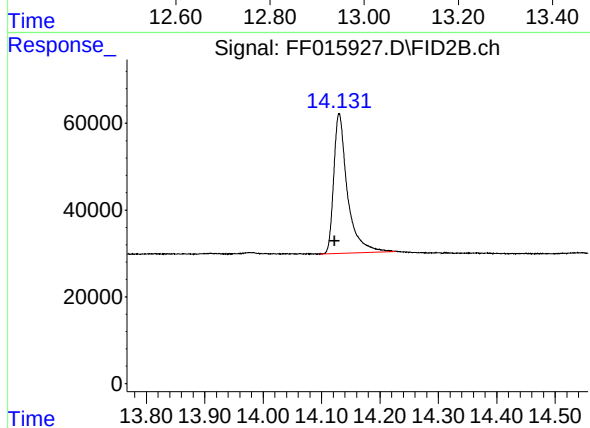
#6 N-OCTADECANE

R.T.: 11.639 min
Delta R.T.: 0.019 min
Response: 547015
Conc: 3.98 ug/ml m



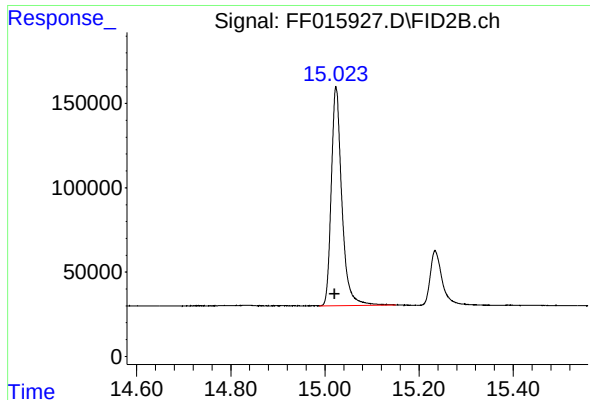
#7 N-EICOSANE

R.T.: 12.939 min
Delta R.T.: 0.012 min
Response: 517306
Conc: 3.64 ug/ml



#8 N-DOCOSANE

R.T.: 14.130 min
Delta R.T.: 0.008 min
Response: 525108
Conc: 3.78 ug/ml



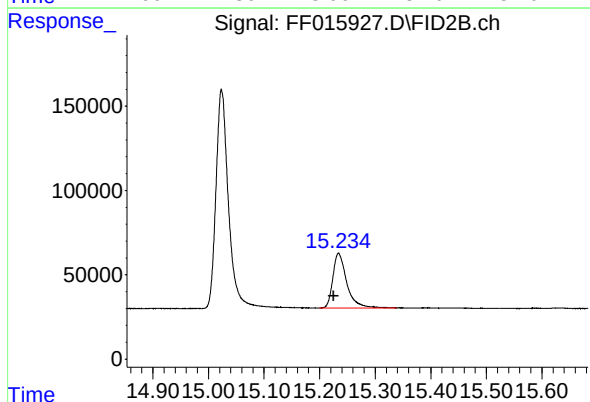
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.024 min
Delta R.T.: 0.003 min
Response: 2020453
Conc: 16.54 ug/ml

Instrument : FID_F
ClientSampleId : LOQ-SOIL-05-QT2-2025

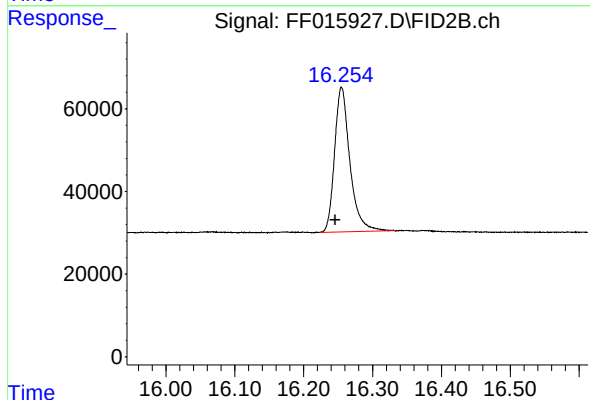
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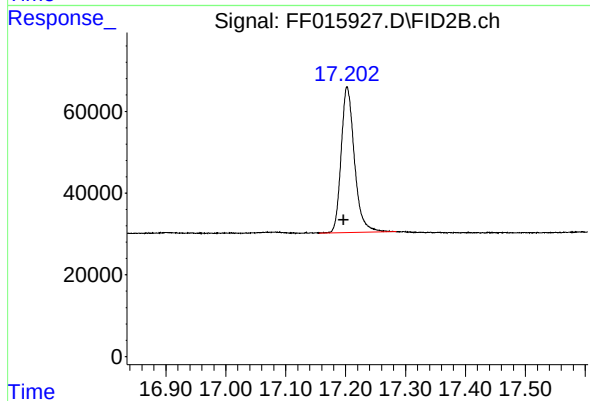
#10 N-TETRACOSANE

R.T.: 15.234 min
Delta R.T.: 0.009 min
Response: 563318
Conc: 4.04 ug/ml



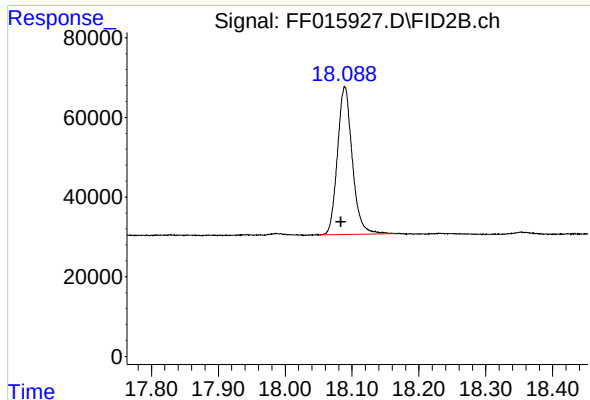
#11 N-HEXACOSANE

R.T.: 16.255 min
Delta R.T.: 0.009 min
Response: 541908
Conc: 3.91 ug/ml



#12 N-OCTACOSANE

R.T.: 17.203 min
Delta R.T.: 0.006 min
Response: 548958
Conc: 3.99 ug/ml



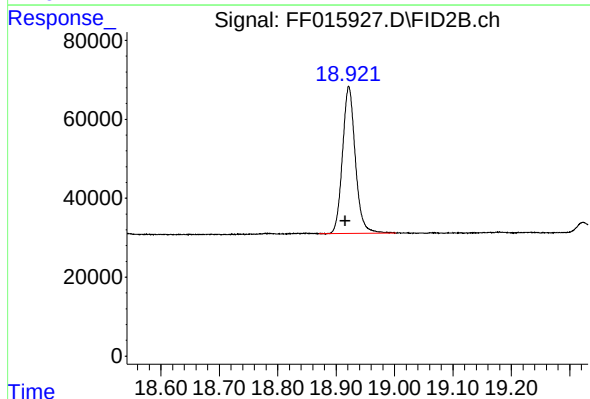
#13 N-TRIACONTANE

R.T.: 18.089 min
Delta R.T.: 0.006 min
Response: 571271
Conc: 4.10 ug/ml

Instrument : FID_F
ClientSampleId :
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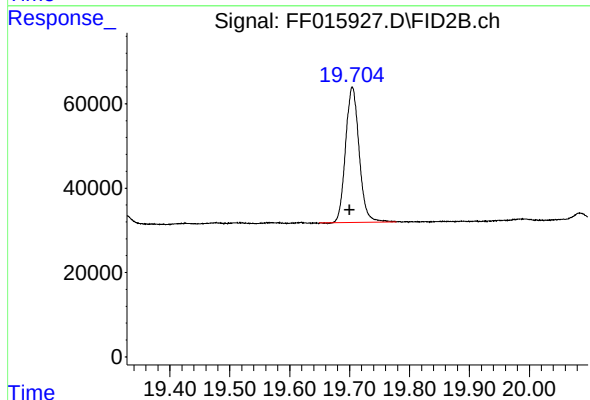
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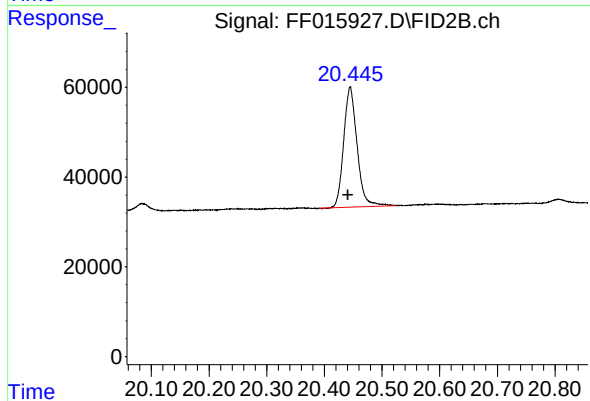
#14 N-DOTRIACONTANE

R.T.: 18.922 min
Delta R.T.: 0.006 min
Response: 568333
Conc: 4.21 ug/ml



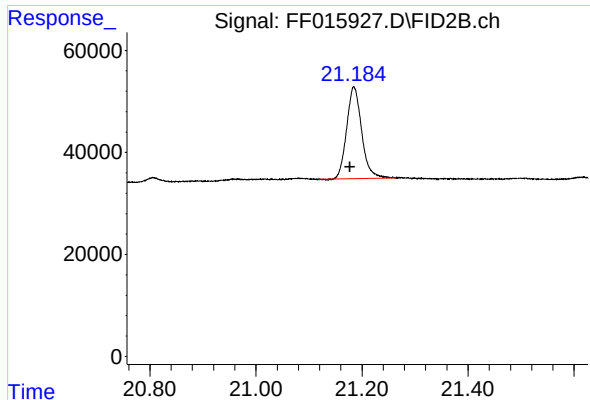
#15 N-TETRATRIACONTANE

R.T.: 19.705 min
Delta R.T.: 0.004 min
Response: 506782
Conc: 4.11 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.445 min
Delta R.T.: 0.004 min
Response: 431545
Conc: 3.97 ug/ml



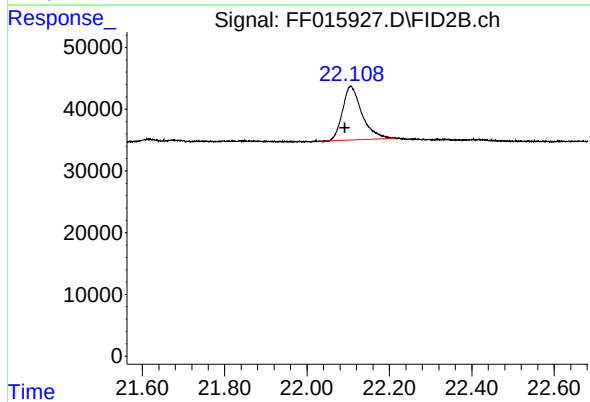
#17 N-OCTATRIACONTANE

R.T.: 21.185 min
Delta R.T.: 0.007 min
Response: 353846
Conc: 3.73 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.107 min
Delta R.T.: 0.015 min
Response: 286009
Conc: 3.37 ug/ml