

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061025\
 Data File : FF015926.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jun 2025 19:31
 Operator : YP\AJ
 Sample : Q2126-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-04-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 04:45:28 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...	15.027	1993051	16.318 ug/ml
Target Compounds			
1) N-OCTANE	2.063	148371	1.217 ug/mlm
2) N-DECANE	4.712f	169551	1.430 ug/mlm
3) N-DODECANE	6.992f	257628	2.048 ug/mlm
4) N-TETRADECANE	8.762f	203529	1.622 ug/mlm
5) N-HEXADECANE	10.274f	211377	1.612 ug/mlm
6) N-OCTADECANE	11.667	246470	1.794 ug/mlm
7) N-EICOSANE	12.954	230297	1.619 ug/ml
8) N-DOCOSANE	14.138	249286	1.794 ug/ml
10) N-TETRACOSANE	15.244	281410	2.019 ug/ml
11) N-HEXACOSANE	16.266	274317	1.978 ug/ml
12) N-OCTACOSANE	17.212	289594	2.107 ug/ml
13) N-TRIACONTANE	18.095	326977	2.349 ug/ml
14) N-DOTRIACONTANE	18.927	324991	2.407 ug/ml
15) N-TETRATRIACONTANE	19.711	278277	2.256 ug/ml
16) N-HEXATRIACONTANE	20.451	217973	2.007 ug/ml
17) N-OCTATRIACONTANE	21.192	162975	1.717 ug/ml
18) N-TETRACONTANE	22.117	116276	1.369 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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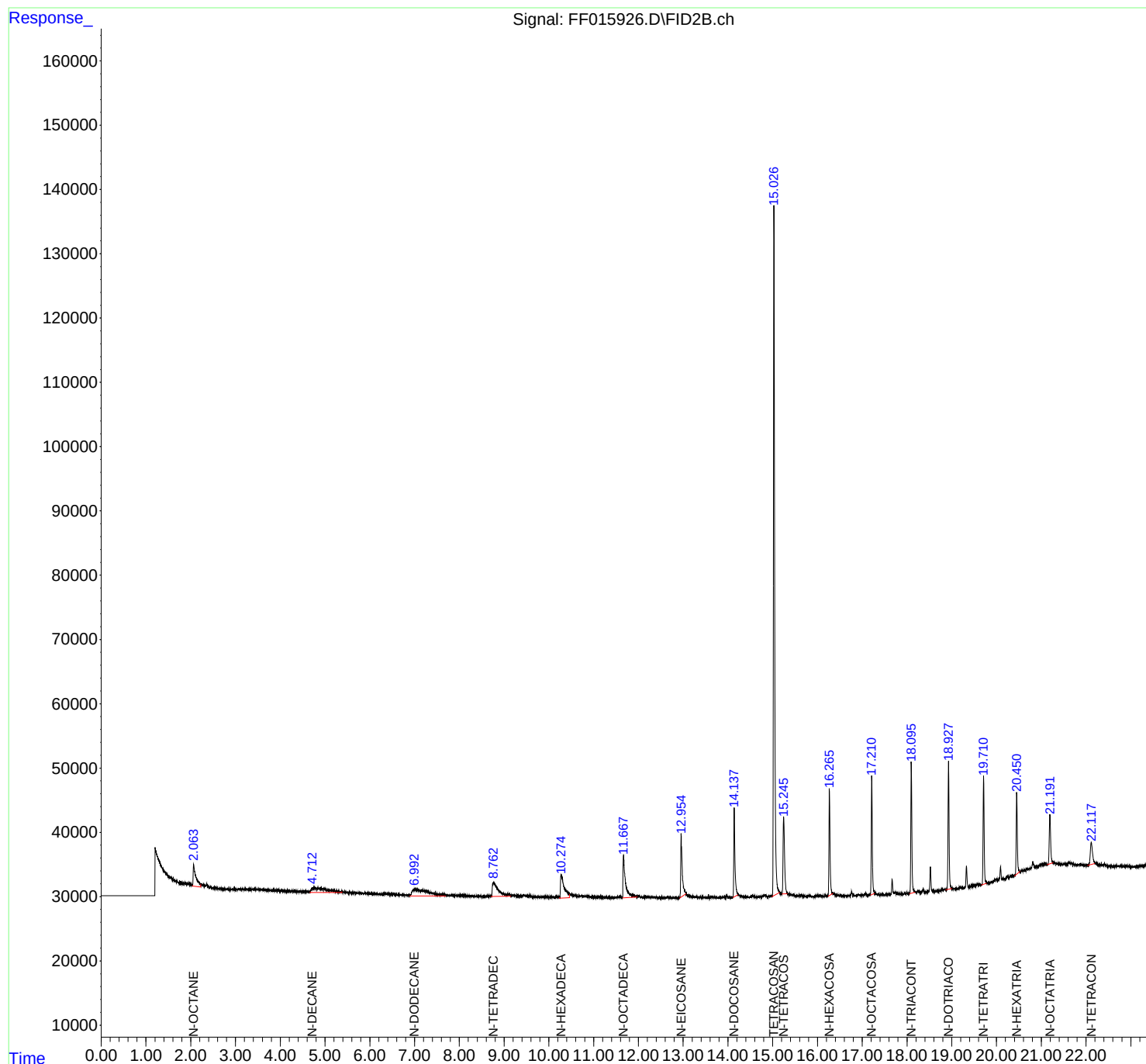
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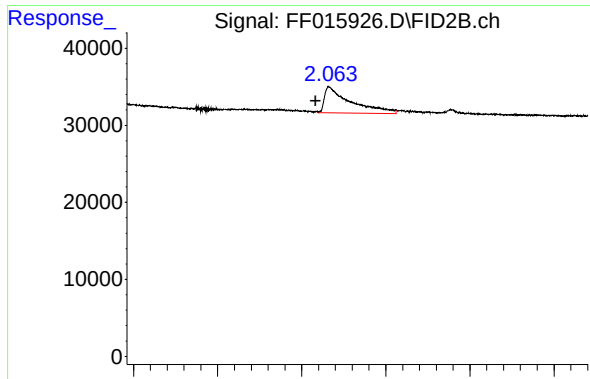
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





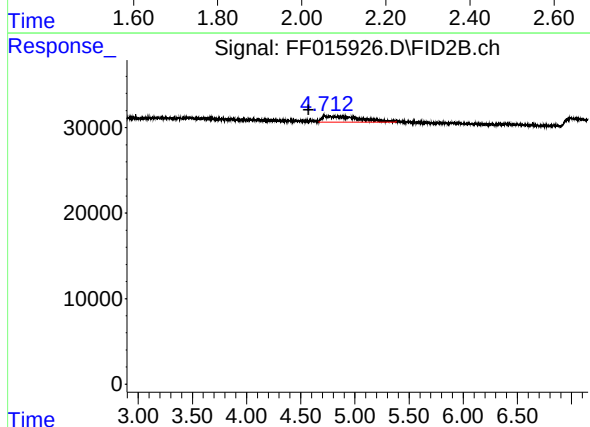
#1 N-OCTANE

R.T.: 2.063 min
Delta R.T.: 0.030 min
Response: 148371
Conc: 1.22 ug/ml

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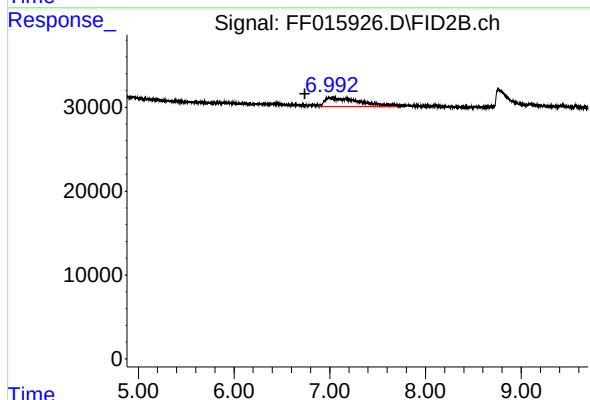
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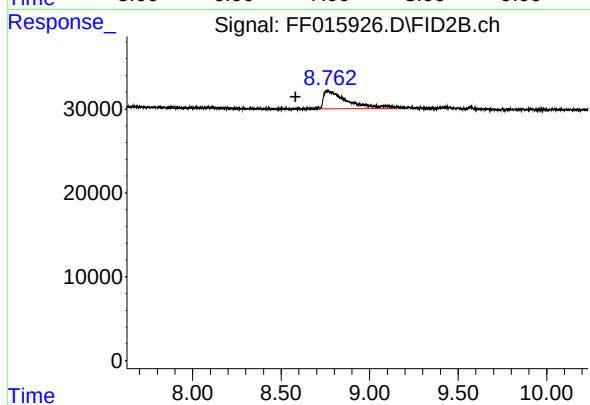
#2 N-DECANE

R.T.: 4.712 min
Delta R.T.: 0.142 min
Response: 169551
Conc: 1.43 ug/ml m



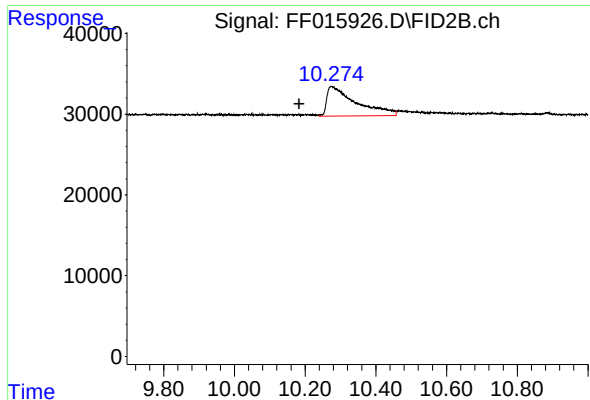
#3 N-DODECANE

R.T.: 6.992 min
Delta R.T.: 0.251 min
Response: 257628
Conc: 2.05 ug/ml m



#4 N-TETRADECANE

R.T.: 8.762 min
Delta R.T.: 0.180 min
Response: 203529
Conc: 1.62 ug/ml m



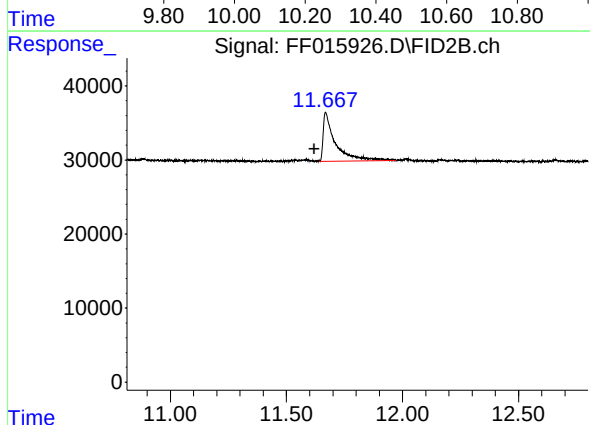
#5 N-HEXADECANE

R.T.: 10.274 min
Delta R.T.: 0.090 min
Response: 211377
Conc: 1.61 ug/ml

Instrument :
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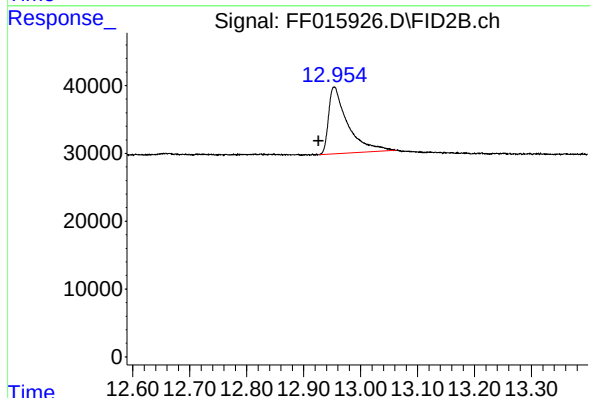
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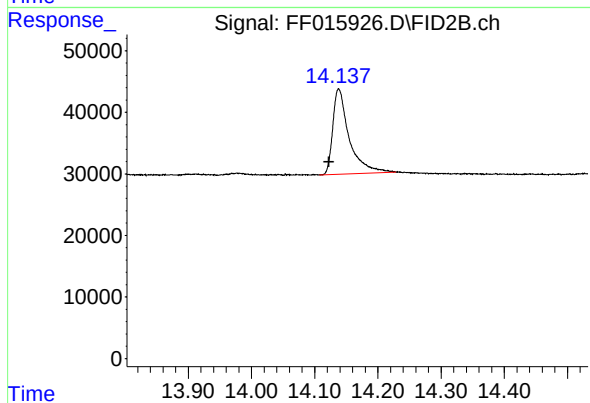
#6 N-OCTADECANE

R.T.: 11.667 min
Delta R.T.: 0.047 min
Response: 246470
Conc: 1.79 ug/ml m



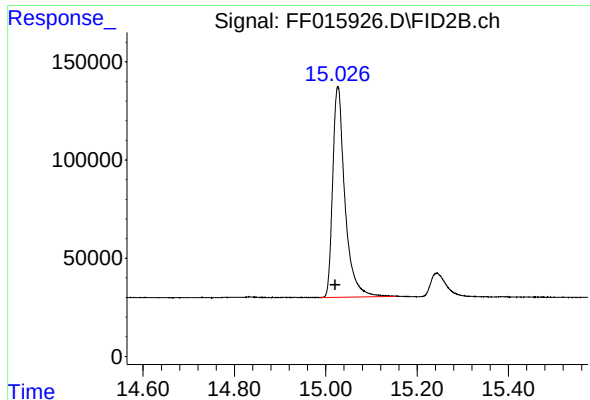
#7 N-EICOSANE

R.T.: 12.954 min
Delta R.T.: 0.027 min
Response: 230297
Conc: 1.62 ug/ml



#8 N-DOCOSANE

R.T.: 14.138 min
Delta R.T.: 0.016 min
Response: 249286
Conc: 1.79 ug/ml



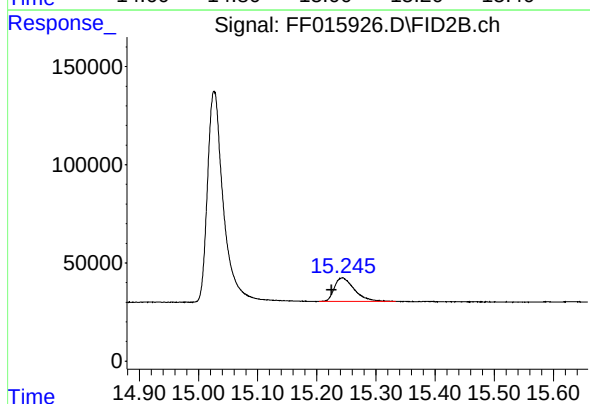
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.027 min
Delta R.T.: 0.006 min
Response: 1993051
Conc: 16.32 ug/ml

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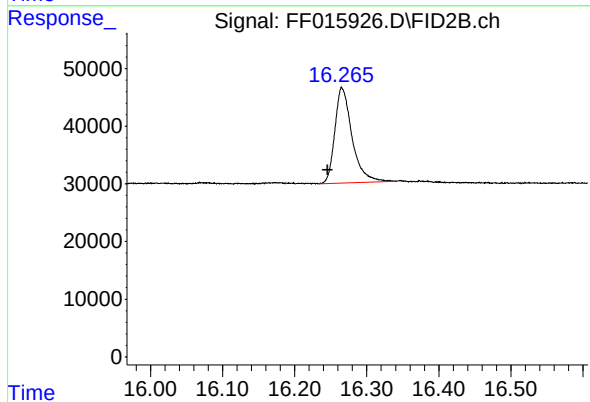
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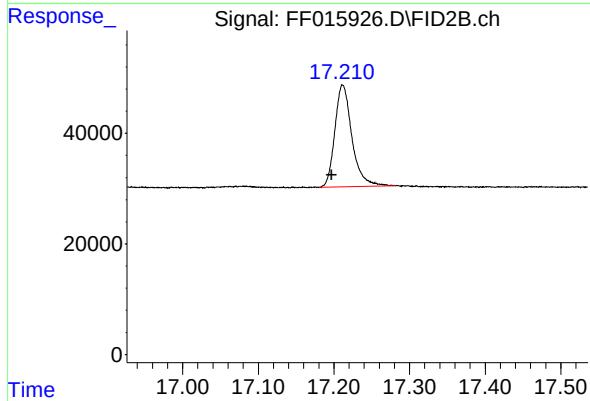
#10 N-TETRACOSANE

R.T.: 15.244 min
Delta R.T.: 0.018 min
Response: 281410
Conc: 2.02 ug/ml



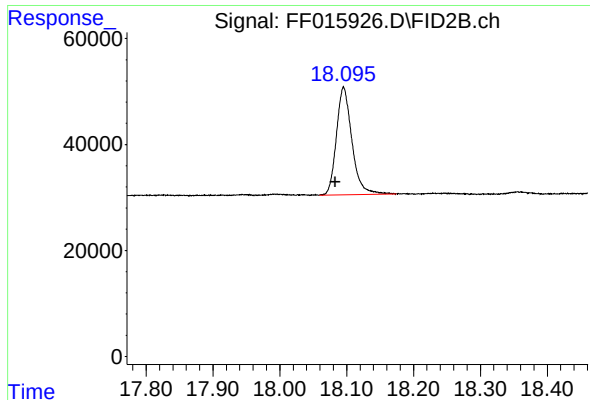
#11 N-HEXACOSANE

R.T.: 16.266 min
Delta R.T.: 0.020 min
Response: 274317
Conc: 1.98 ug/ml



#12 N-OCTACOSANE

R.T.: 17.212 min
Delta R.T.: 0.015 min
Response: 289594
Conc: 2.11 ug/ml



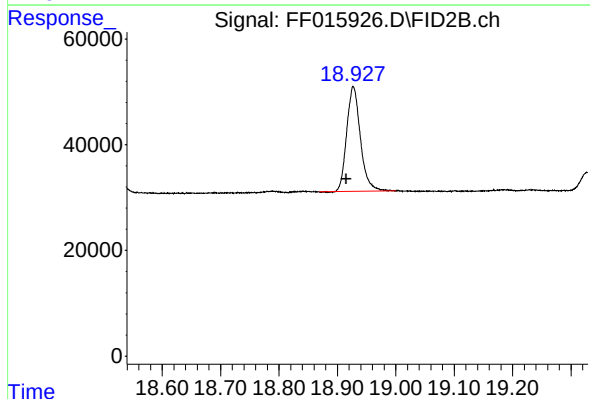
#13 N-TRIACONTANE

R.T.: 18.095 min
Delta R.T.: 0.012 min
Response: 326977
Conc: 2.35 ug/ml

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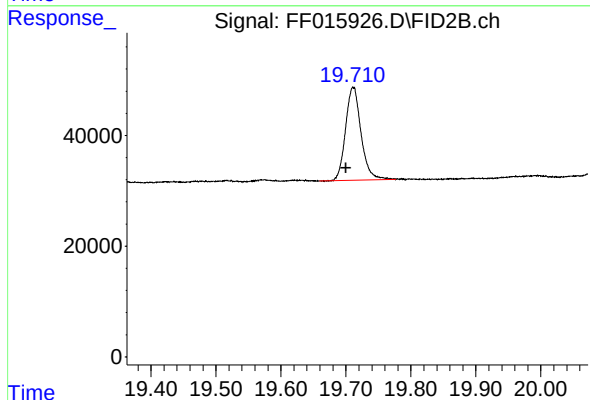
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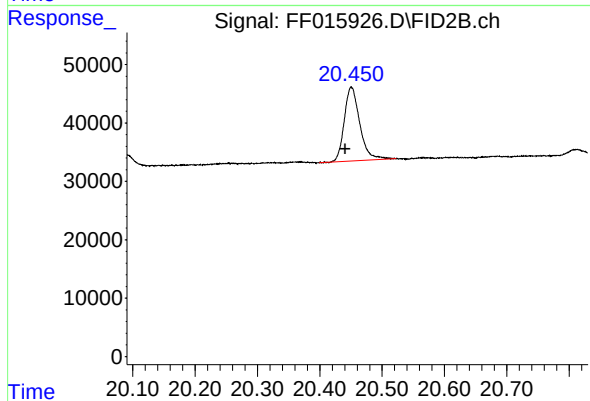
#14 N-DOTRIACONTANE

R.T.: 18.927 min
Delta R.T.: 0.012 min
Response: 324991
Conc: 2.41 ug/ml



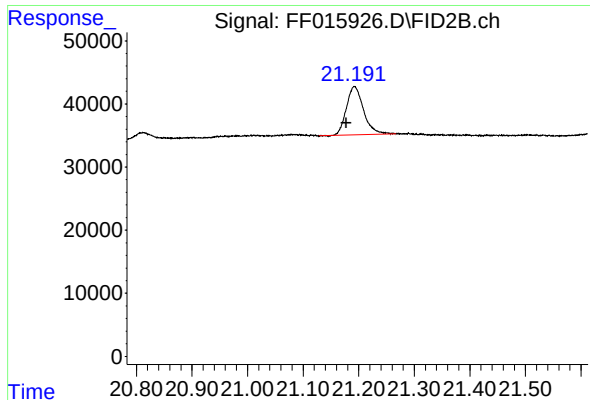
#15 N-TETRATRIACONTANE

R.T.: 19.711 min
Delta R.T.: 0.011 min
Response: 278277
Conc: 2.26 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.451 min
Delta R.T.: 0.010 min
Response: 217973
Conc: 2.01 ug/ml



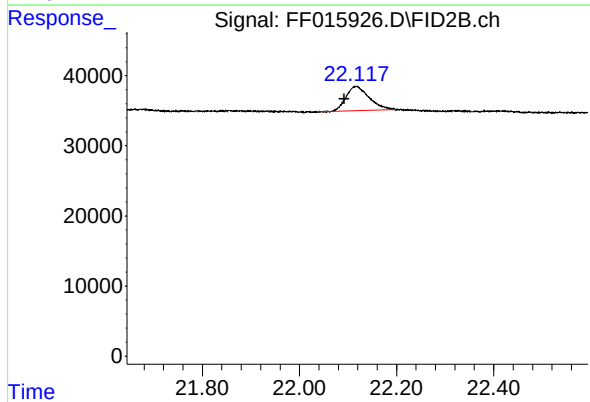
#17 N-OCTATRIACONTANE

R.T.: 21.192 min
Delta R.T.: 0.015 min
Response: 162975
Conc: 1.72 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.117 min
Delta R.T.: 0.025 min
Response: 116276
Conc: 1.37 ug/ml