

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012325\
 Data File : FF015295.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 00:41
 Operator : YP\AJ
 Sample : Q1168-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-04-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e
 Quant Time: Jan 24 05:05:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 11:12:55 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...	15.022	1970525	15.048 ug/ml
Target Compounds			
1) N-OCTANE	2.038	120478	0.905 ug/ml
2) N-DECANE	4.568	130873	0.982 ug/ml
3) N-DODECANE	6.734	122228	0.894 ug/ml
4) N-TETRADECANE	8.561	114041	0.873 ug/ml
5) N-HEXADECANE	10.169	112547	0.838 ug/ml
6) N-OCTADECANE	11.609	112846	0.769 ug/ml
7) N-EICOSANE	12.920	119106	0.815 ug/ml
8) N-DOCOSANE	14.120	117961	0.815 ug/ml
10) N-TETRACOSANE	15.224	123401	0.852 ug/ml
11) N-HEXACOSANE	16.247	117695	0.835 ug/ml
12) N-OCTACOSANE	17.198	134018	0.978 ug/ml
13) N-TRIACONTANE	18.086	169836	1.277 ug/ml
14) N-DOTRIACONTANE	18.920	191258	1.506 ug/ml
15) N-TETRATRIACONTANE	19.705	152825	1.379 ug/ml
16) N-HEXATRIACONTANE	20.447	104727	1.159 ug/ml
17) N-OCTATRIACONTANE	21.185	88336	1.093 ug/ml
18) N-TETRACONTANE	22.104	63193	0.833 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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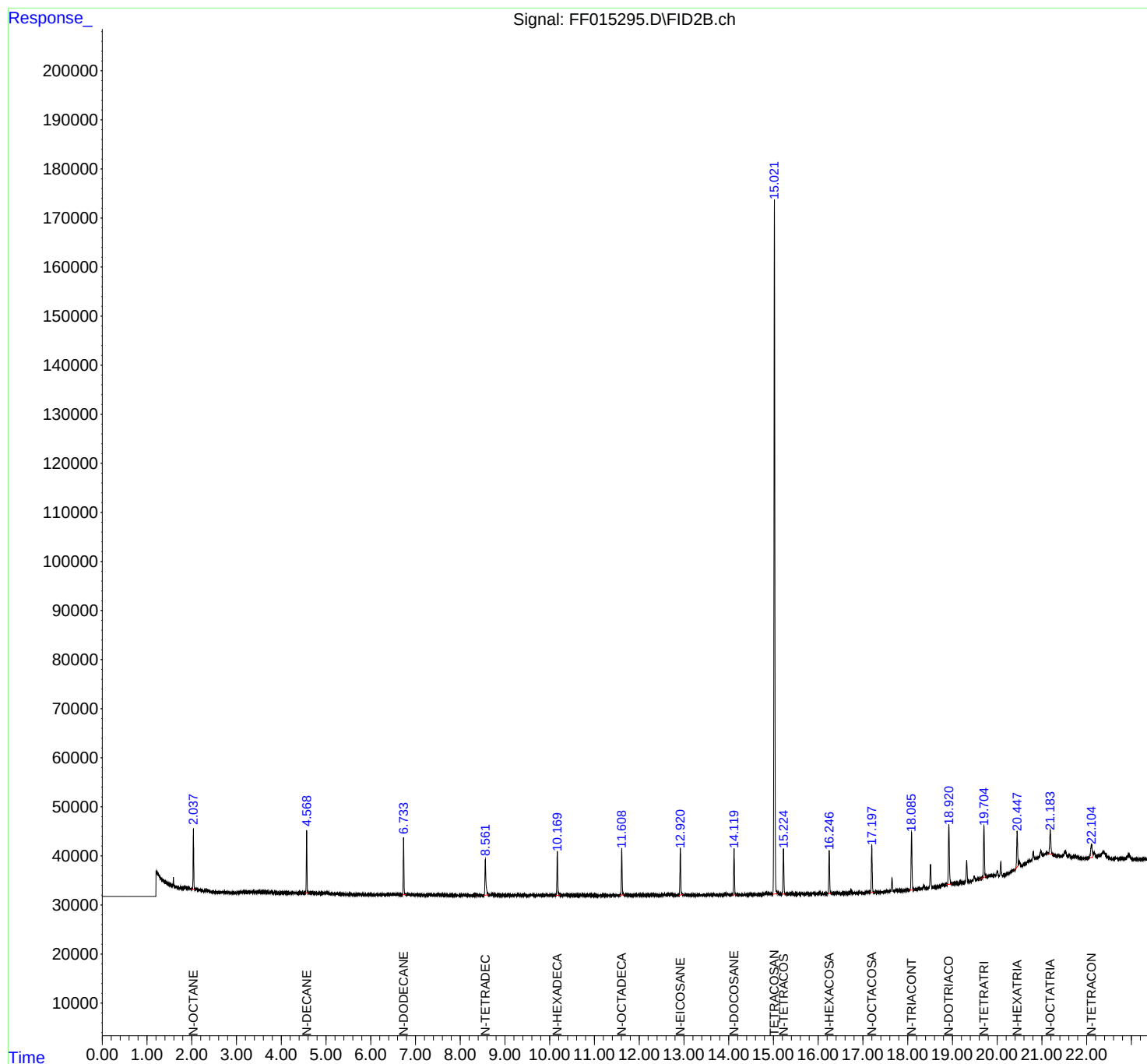
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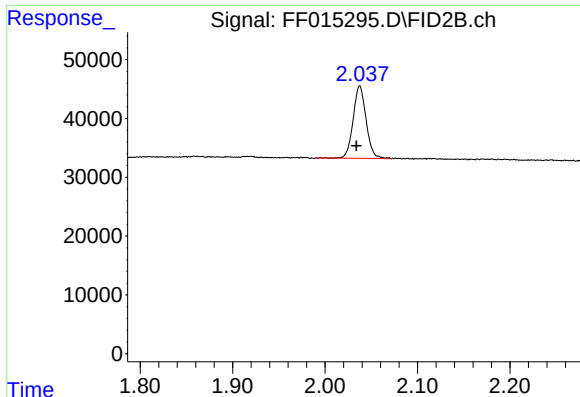
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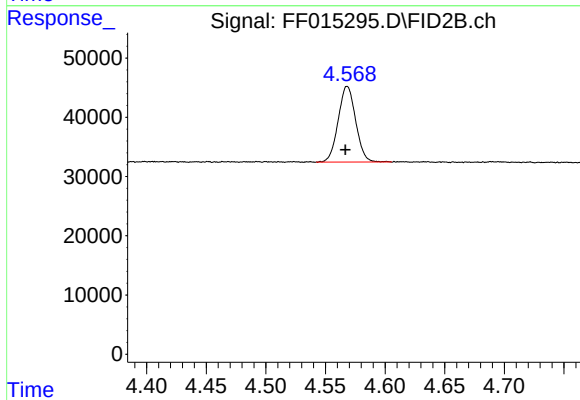
#1 N-OCTANE

R.T.: 2.038 min
Delta R.T.: 0.004 min
Response: 120478
Conc: 0.91 ug/ml

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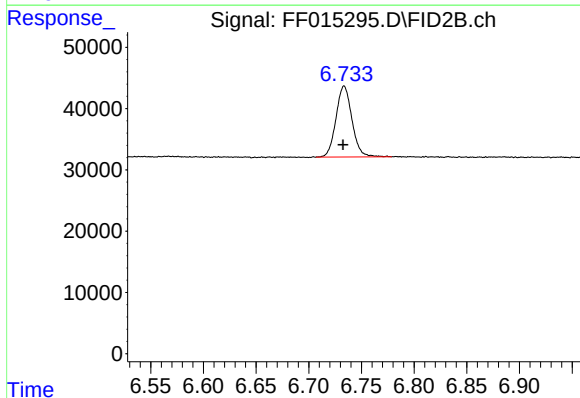
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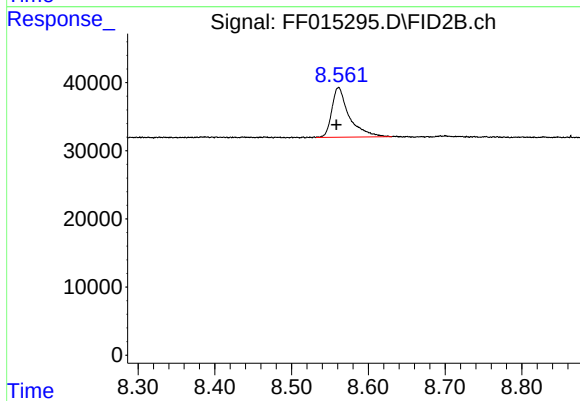
#2 N-DECANE

R.T.: 4.568 min
Delta R.T.: 0.001 min
Response: 130873
Conc: 0.98 ug/ml



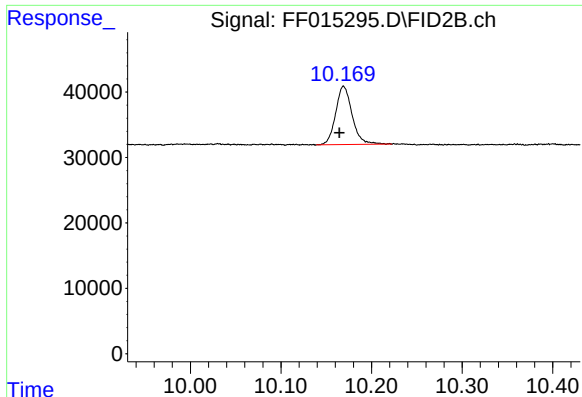
#3 N-DODECANE

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 122228
Conc: 0.89 ug/ml



#4 N-TETRADECANE

R.T.: 8.561 min
Delta R.T.: 0.003 min
Response: 114041
Conc: 0.87 ug/ml



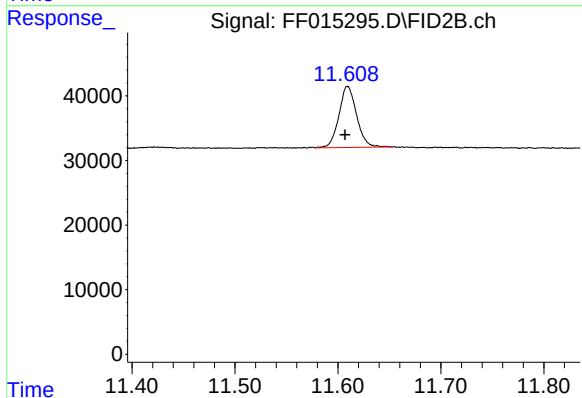
#5 N-HEXADECANE

R.T.: 10.169 min
Delta R.T.: 0.005 min
Response: 112547
Conc: 0.84 ug/ml

Instrument :
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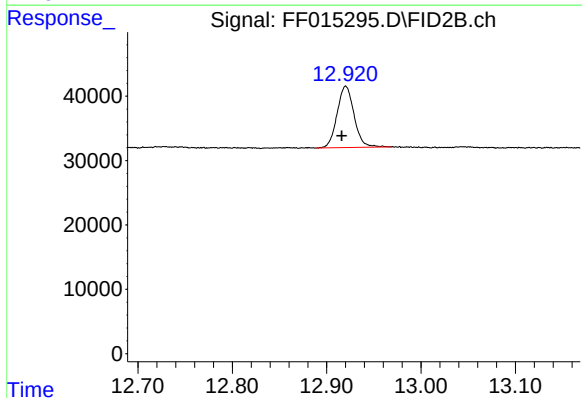
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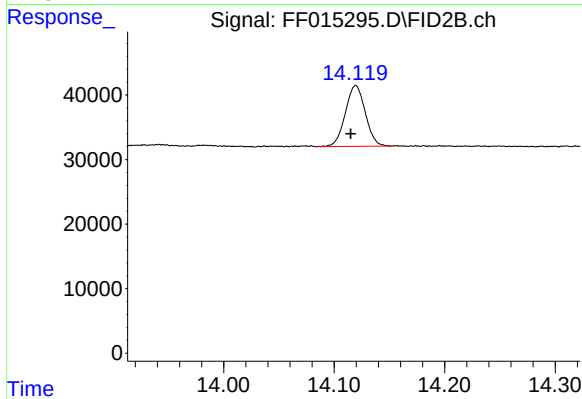
#6 N-OCTADECANE

R.T.: 11.609 min
Delta R.T.: 0.002 min
Response: 112846
Conc: 0.77 ug/ml



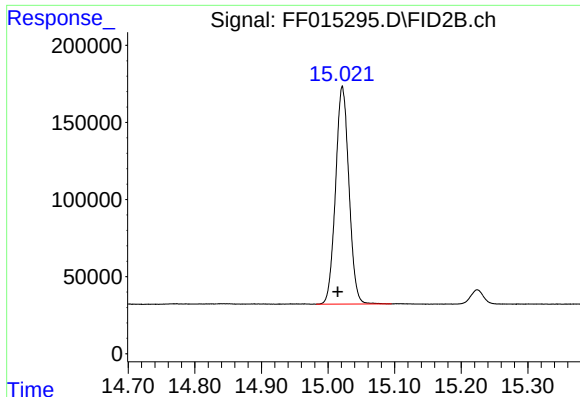
#7 N-EICOSANE

R.T.: 12.920 min
Delta R.T.: 0.004 min
Response: 119106
Conc: 0.81 ug/ml



#8 N-DOCOSANE

R.T.: 14.120 min
Delta R.T.: 0.005 min
Response: 117961
Conc: 0.81 ug/ml



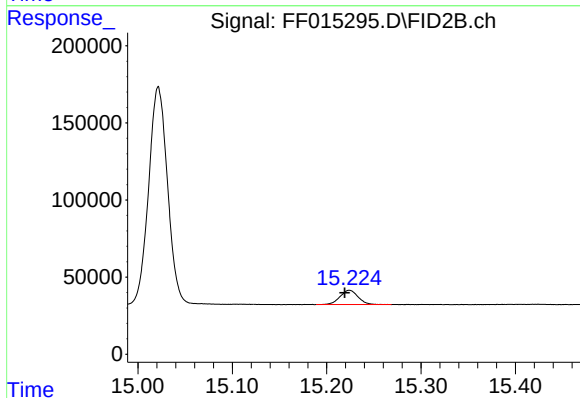
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.022 min
Delta R.T.: 0.007 min
Response: 1970525
Conc: 15.05 ug/ml

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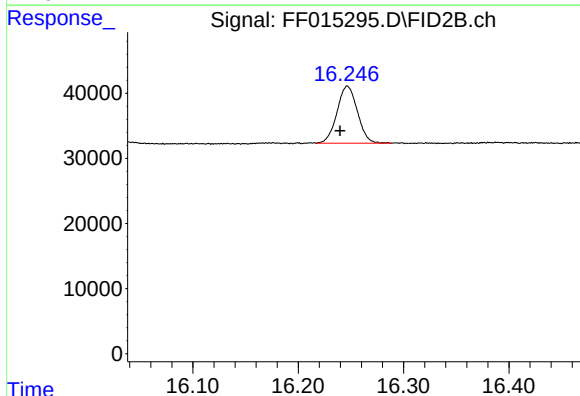
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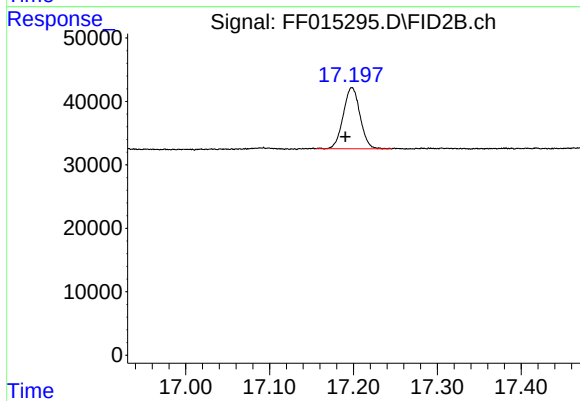
#10 N-TETRACOSANE

R.T.: 15.224 min
Delta R.T.: 0.005 min
Response: 123401
Conc: 0.85 ug/ml



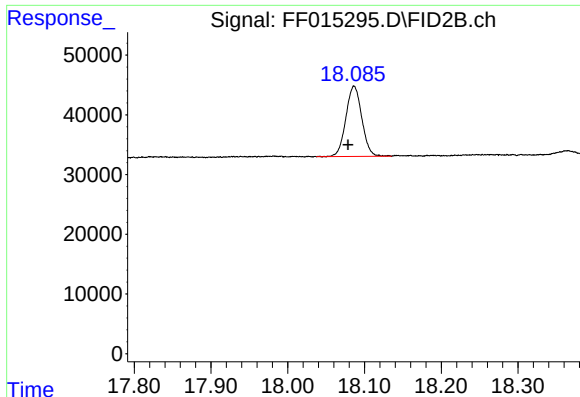
#11 N-HEXACOSANE

R.T.: 16.247 min
Delta R.T.: 0.007 min
Response: 117695
Conc: 0.84 ug/ml



#12 N-OCTACOSANE

R.T.: 17.198 min
Delta R.T.: 0.008 min
Response: 134018
Conc: 0.98 ug/ml



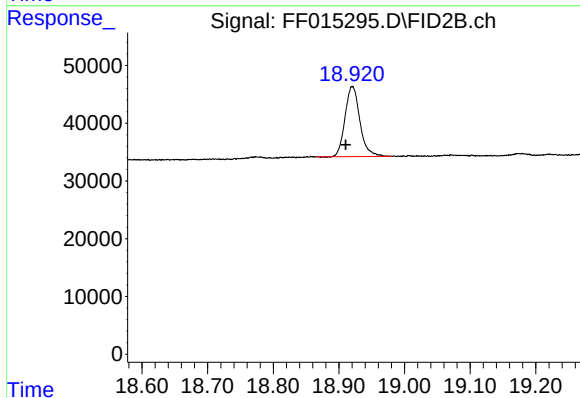
#13 N-TRIACONTANE

R.T.: 18.086 min
Delta R.T.: 0.008 min
Response: 169836
Conc: 1.28 ug/ml

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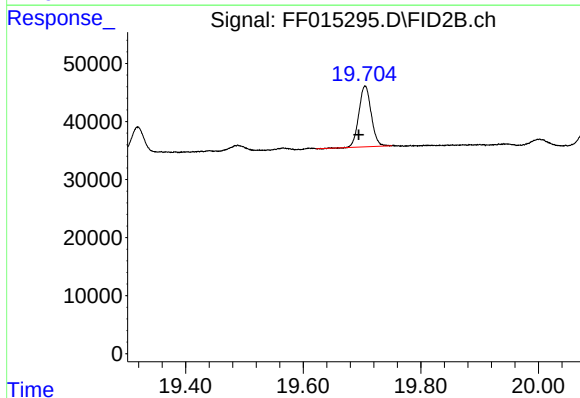
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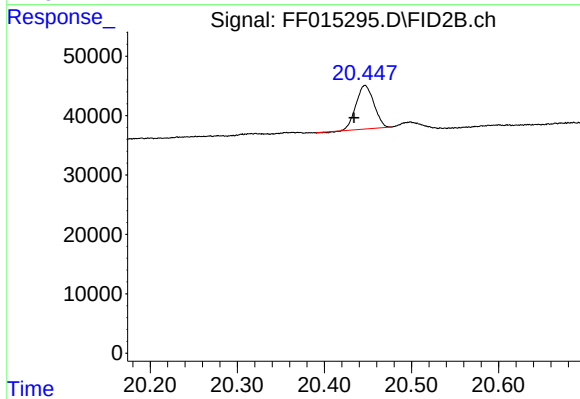
#14 N-DOTRIACONTANE

R.T.: 18.920 min
Delta R.T.: 0.010 min
Response: 191258
Conc: 1.51 ug/ml



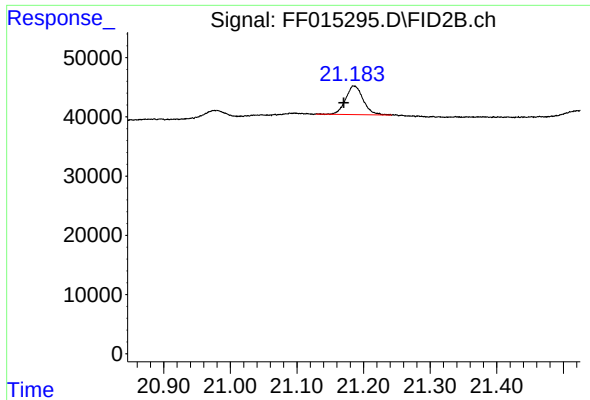
#15 N-TETRATRIACONTANE

R.T.: 19.705 min
Delta R.T.: 0.011 min
Response: 152825
Conc: 1.38 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.447 min
Delta R.T.: 0.012 min
Response: 104727
Conc: 1.16 ug/ml



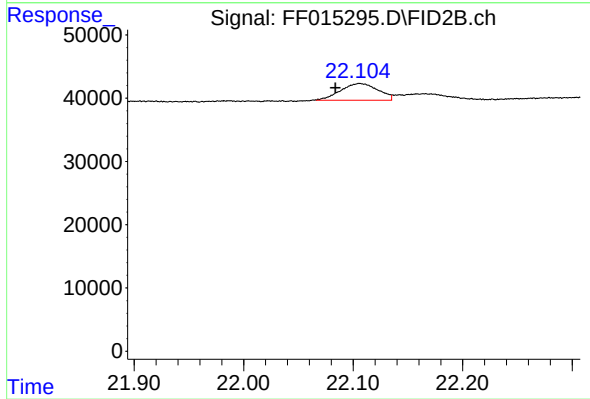
#17 N-OCTATRIACONTANE

R.T.: 21.185 min
Delta R.T.: 0.015 min
Response: 88336
Conc: 1.09 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.104 min
Delta R.T.: 0.021 min
Response: 63193
Conc: 0.83 ug/ml m