

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100622\
 Data File : FE037978.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2022 12:17
 Operator : YP\AJ
 Sample : N4955-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-04-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2022
 Supervised By :Ankita Jodhani 10/07/2022

Integration File: autoint1.e
 Quant Time: Oct 07 04:50:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE100522.M
 Quant Title :
 QLast Update : Wed Oct 05 16:55:43 2022
 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...	14.667	2525653	19.445 ug/ml
Target Compounds			
1) N-OCTANE	1.772	262378	1.937 ug/mlm
2) N-DECANE	4.262	268273	2.005 ug/mlm
3) N-DODECANE	6.434	293952	2.103 ug/mlm
4) N-TETRADECANE	8.251	303642	2.089 ug/ml
5) N-HEXADECANE	9.848	328608	2.191 ug/ml
6) N-OCTADECANE	11.281	354605	2.336 ug/ml
7) N-EICOSANE	12.581	366044	2.404 ug/ml
8) N-DOCOSANE	13.772	378599	2.542 ug/ml
10) N-TETRACOSANE	14.867	394391	2.653 ug/ml
11) N-HEXACOSANE	15.882	371939	2.574 ug/ml
12) N-OCTACOSANE	16.828	373085	2.651 ug/ml
13) N-TRIACONTANE	17.709	387710	2.794 ug/ml
14) N-DOTRIACONTANE	18.537	396988	2.824 ug/ml
15) N-TETRATRIACONTANE	19.317	317854	2.263 ug/ml
16) N-HEXATRIACONTANE	20.052	264867	1.954 ug/mlm
17) N-OCTATRIACONTANE	20.749	219613	1.612 ug/ml
18) N-TETRACONTANE	21.517	301627	2.084 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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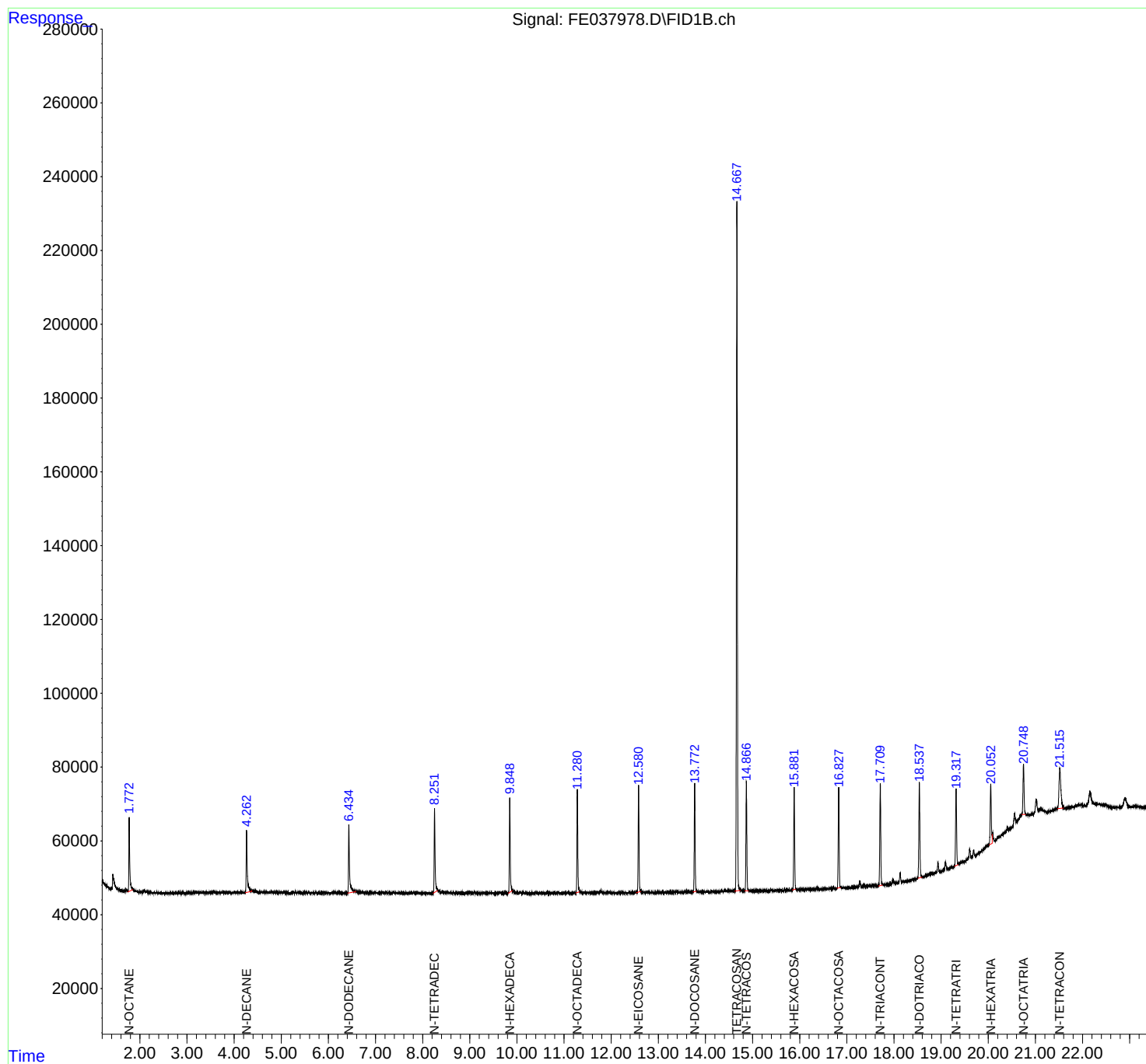
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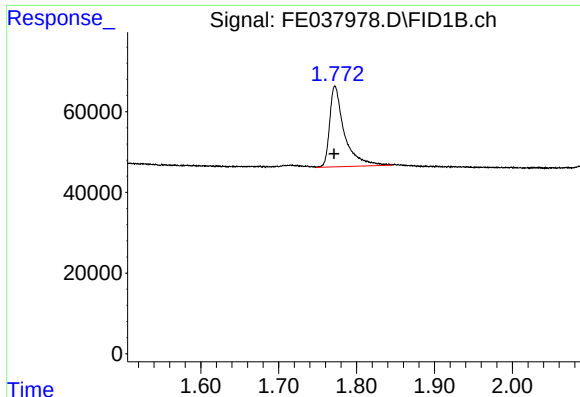
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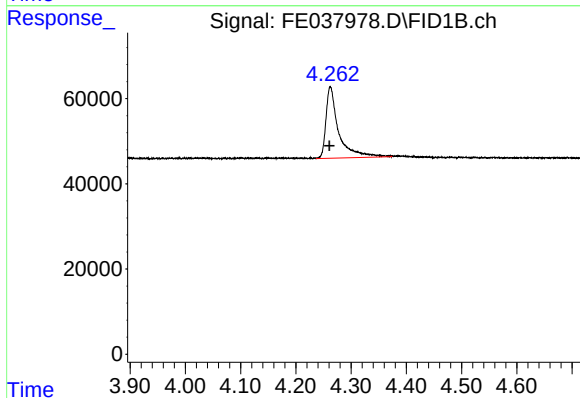
#1 N-OCTANE

R.T.: 1.772 min
Delta R.T.: 0.000 min
Response: 262378
Conc: 1.94 ug/ml

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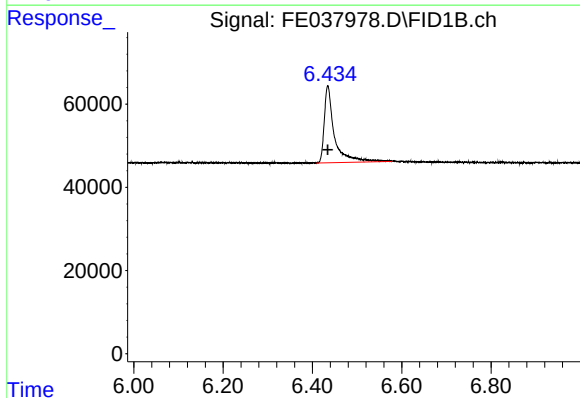
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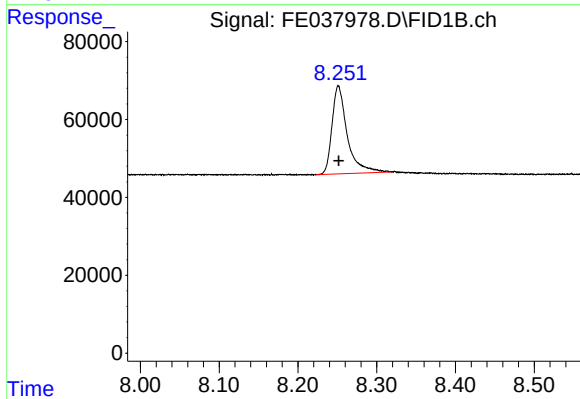
#2 N-DECANE

R.T.: 4.262 min
Delta R.T.: 0.001 min
Response: 268273
Conc: 2.01 ug/ml m



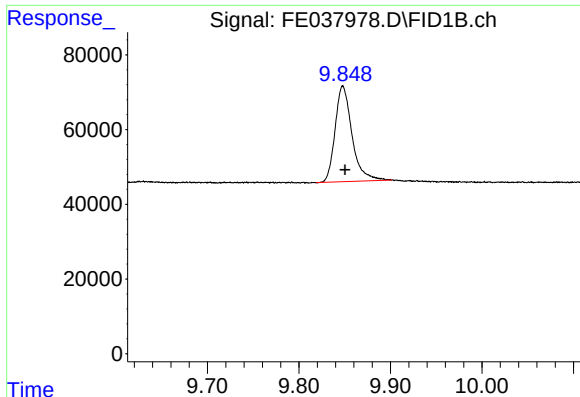
#3 N-DODECANE

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 293952
Conc: 2.10 ug/ml m



#4 N-TETRADECANE

R.T.: 8.251 min
Delta R.T.: 0.000 min
Response: 303642
Conc: 2.09 ug/ml



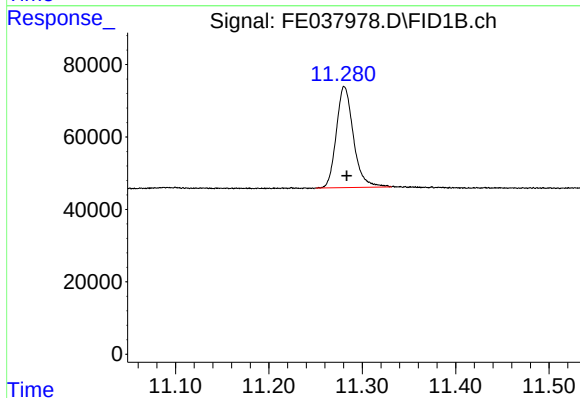
#5 N-HEXADECANE

R.T.: 9.848 min
Delta R.T.: -0.002 min
Response: 328608
Conc: 2.19 ug/ml

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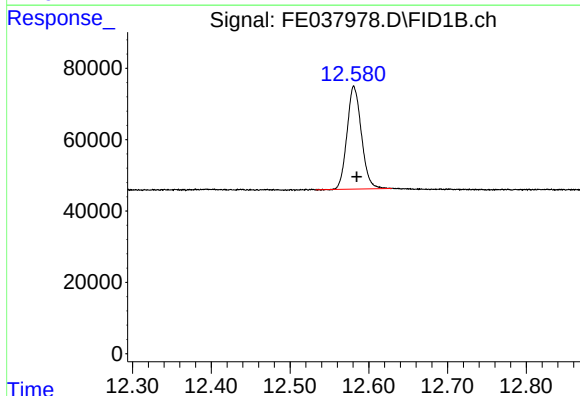
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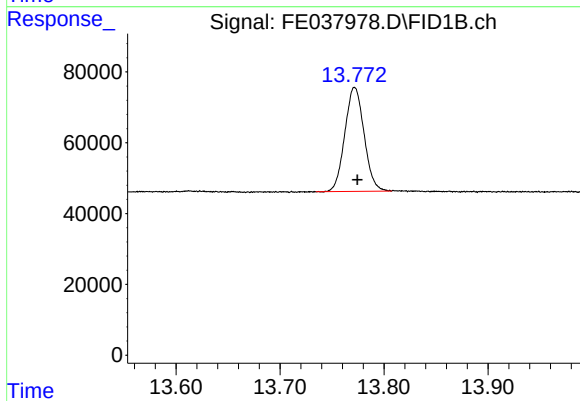
#6 N-OCTADECANE

R.T.: 11.281 min
Delta R.T.: -0.003 min
Response: 354605
Conc: 2.34 ug/ml



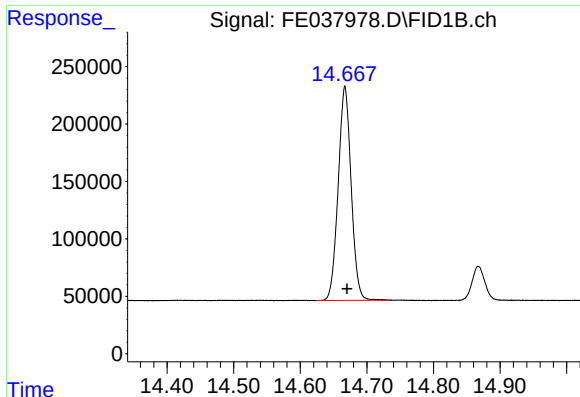
#7 N-EICOSANE

R.T.: 12.581 min
Delta R.T.: -0.003 min
Response: 366044
Conc: 2.40 ug/ml



#8 N-DOCOSANE

R.T.: 13.772 min
Delta R.T.: -0.003 min
Response: 378599
Conc: 2.54 ug/ml



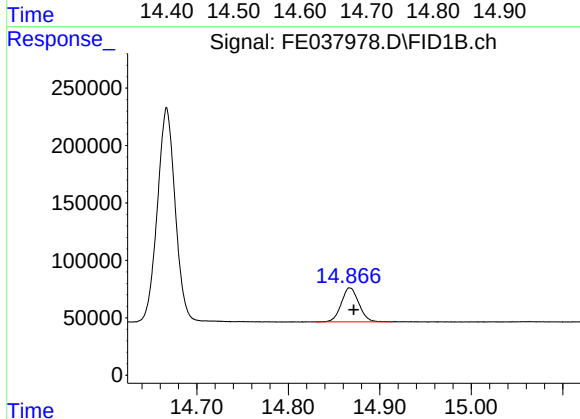
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.667 min
Delta R.T.: -0.003 min
Response: 2525653
Conc: 19.44 ug/ml

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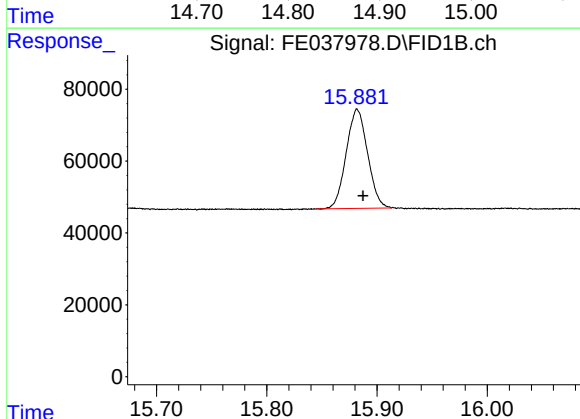
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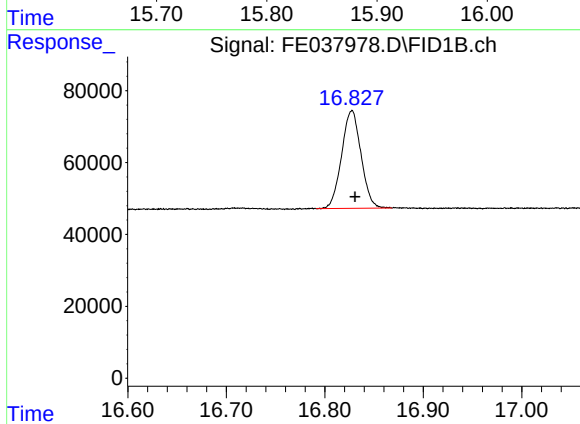
#10 N-TETRACOSANE

R.T.: 14.867 min
Delta R.T.: -0.005 min
Response: 394391
Conc: 2.65 ug/ml



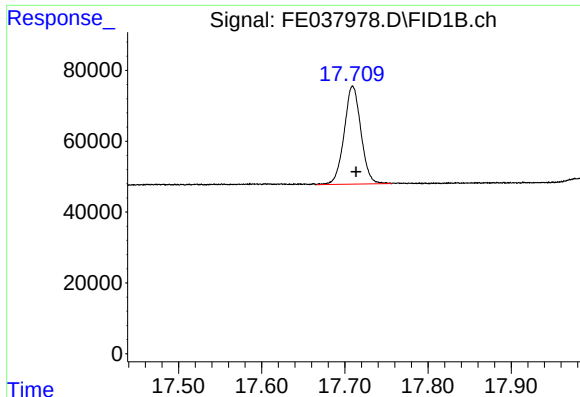
#11 N-HEXACOSANE

R.T.: 15.882 min
Delta R.T.: -0.006 min
Response: 371939
Conc: 2.57 ug/ml



#12 N-OCTACOSANE

R.T.: 16.828 min
Delta R.T.: -0.003 min
Response: 373085
Conc: 2.65 ug/ml



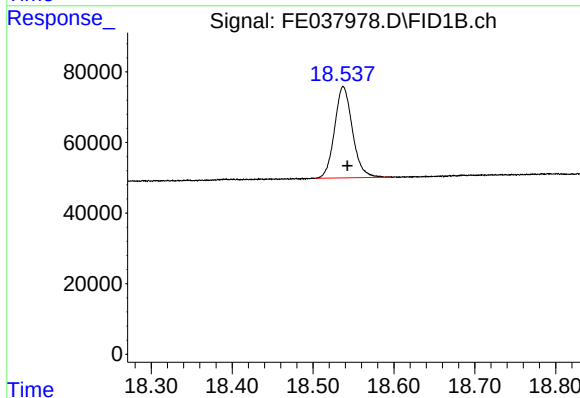
#13 N-TRIACONTANE

R.T.: 17.709 min
Delta R.T.: -0.004 min
Response: 387710
Conc: 2.79 ug/ml

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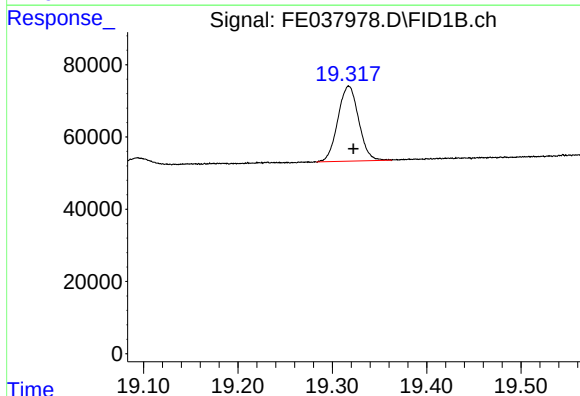
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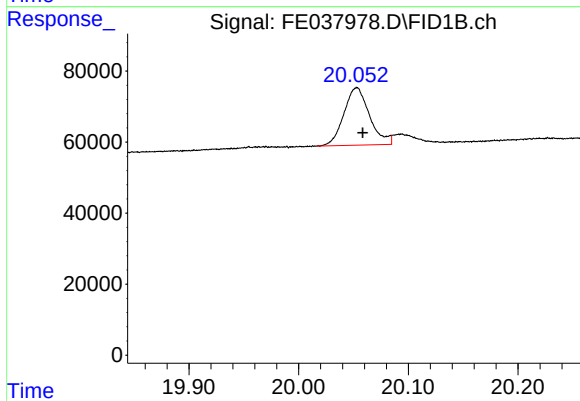
#14 N-DOTRIACONTANE

R.T.: 18.537 min
Delta R.T.: -0.005 min
Response: 396988
Conc: 2.82 ug/ml



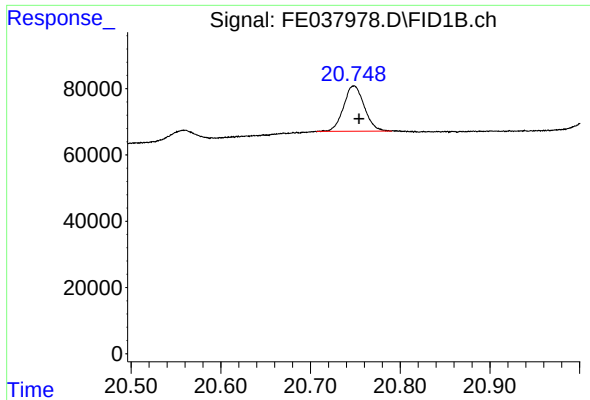
#15 N-TETRATRIACONTANE

R.T.: 19.317 min
Delta R.T.: -0.005 min
Response: 317854
Conc: 2.26 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.052 min
Delta R.T.: -0.006 min
Response: 264867
Conc: 1.95 ug/ml m



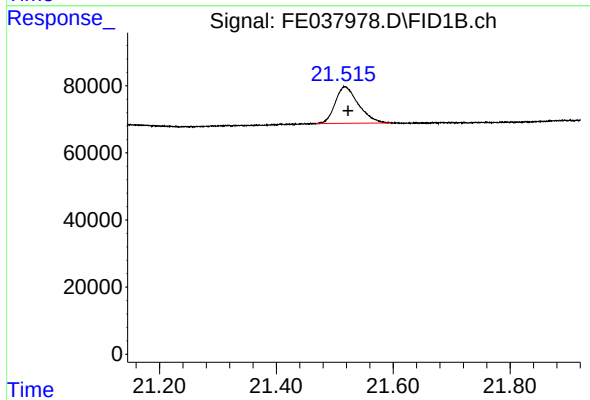
#17 N-OCTATRIACONTANE

R.T.: 20.749 min
Delta R.T.: -0.005 min
Response: 219613
Conc: 1.61 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.517 min
Delta R.T.: -0.005 min
Response: 301627
Conc: 2.08 ug/ml