

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100622\
 Data File : FE037979.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2022 12:49
 Operator : YP\AJ
 Sample : N4955-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-05-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 07 04:50:48 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...	14.668	3364992	25.906 ug/ml
Target Compounds			
1) N-OCTANE	1.769	699420	5.164 ug/ml
2) N-DECANE	4.258	757653	5.663 ug/ml
3) N-DODECANE	6.432	791677	5.663 ug/ml
4) N-TETRADECANE	8.249	878423	6.045 ug/ml
5) N-HEXADECANE	9.847	929482	6.197 ug/ml
6) N-OCTADECANE	11.280	967639	6.374 ug/ml
7) N-EICOSANE	12.581	982394	6.453 ug/ml
8) N-DOCOSANE	13.771	995710	6.685 ug/ml
10) N-TETRACOSANE	14.868	1008115	6.780 ug/ml
11) N-HEXACOSANE	15.883	975897	6.754 ug/ml
12) N-OCTACOSANE	16.828	952627	6.770 ug/ml
13) N-TRIACONTANE	17.709	945392	6.812 ug/ml
14) N-DOTRIACONTANE	18.537	896085	6.374 ug/ml
15) N-TETRATRIACONTANE	19.317	770588	5.487 ug/ml
16) N-HEXATRIACONTANE	20.053	616764	4.551 ug/ml
17) N-OCTATRIACONTANE	20.748	560236	4.113 ug/ml
18) N-TETRACONTANE	21.515	554800	3.833 ug/ml

(f)=RT Delta > 1/2 Window

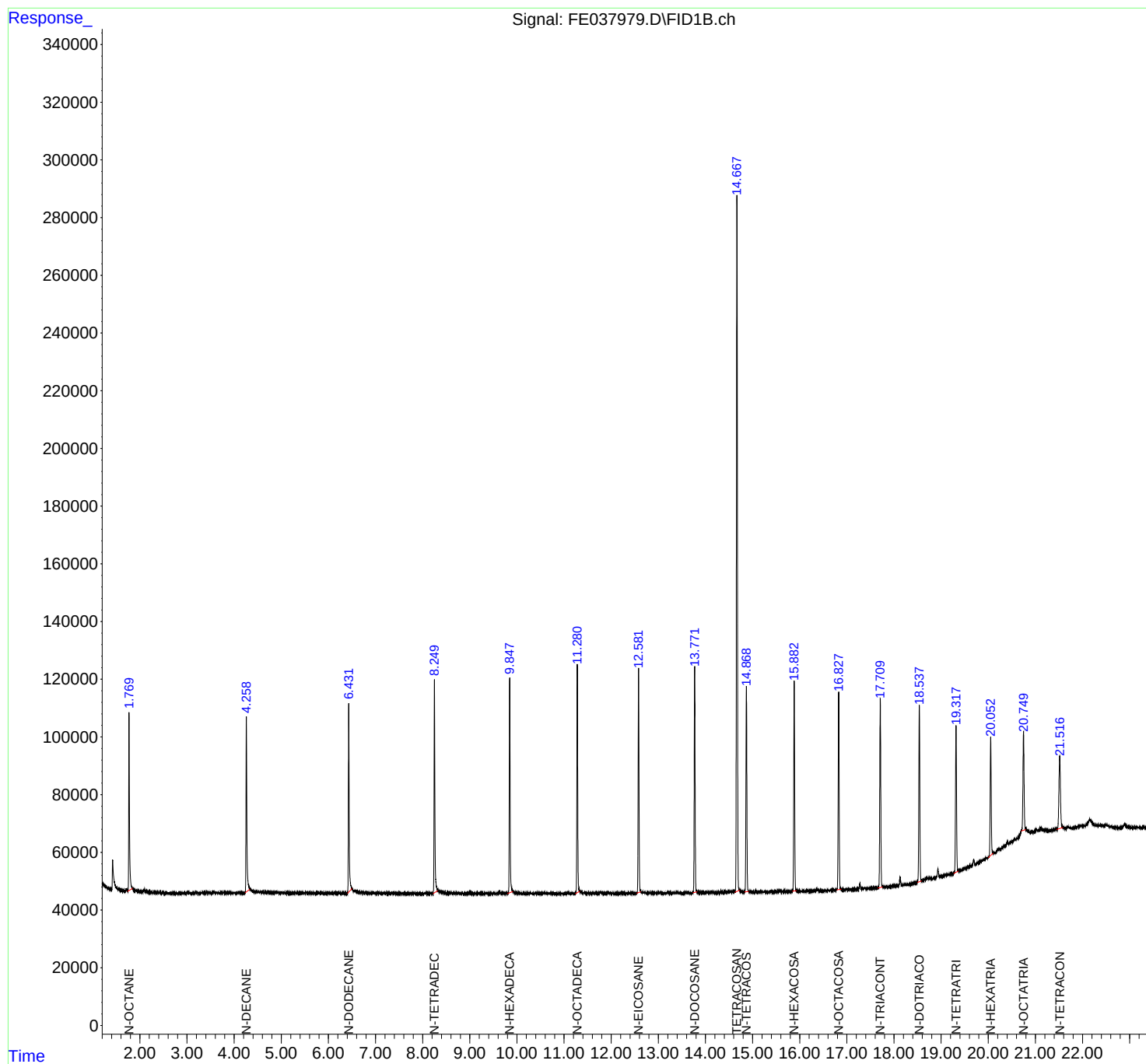
(m)=manual int.

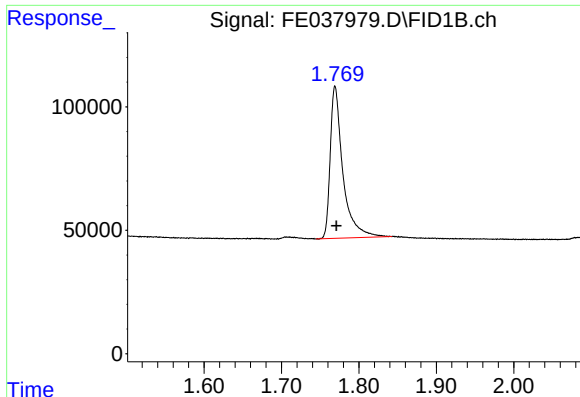
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

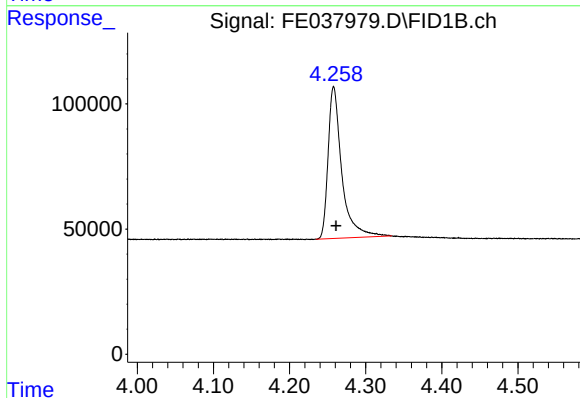




#1 N-OCTANE

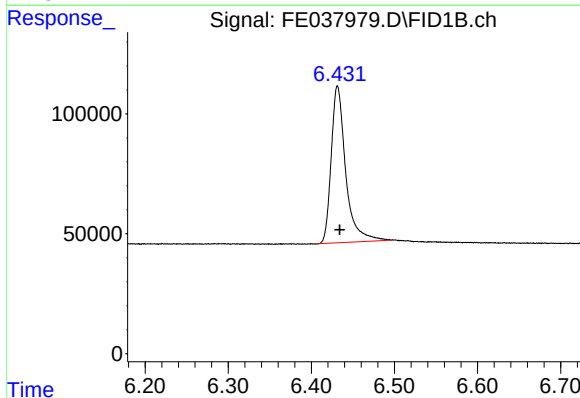
R.T.: 1.769 min
Delta R.T.: -0.002 min
Response: 699420
Conc: 5.16 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-05-QT4-2022



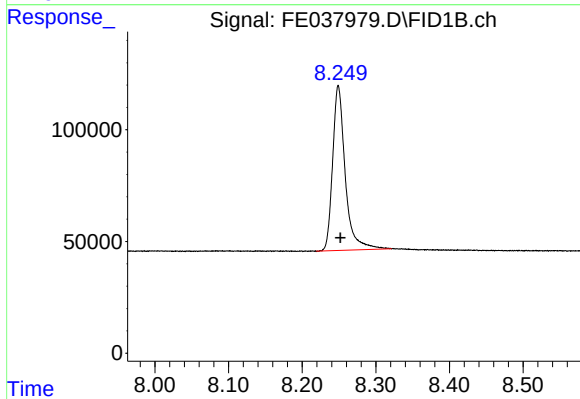
#2 N-DECANE

R.T.: 4.258 min
Delta R.T.: -0.003 min
Response: 757653
Conc: 5.66 ug/ml



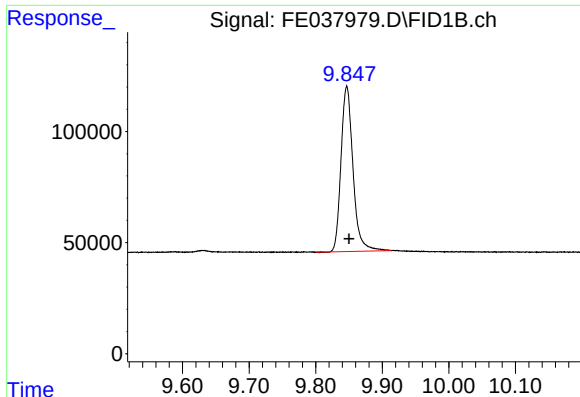
#3 N-DODECANE

R.T.: 6.432 min
Delta R.T.: -0.002 min
Response: 791677
Conc: 5.66 ug/ml



#4 N-TETRADECANE

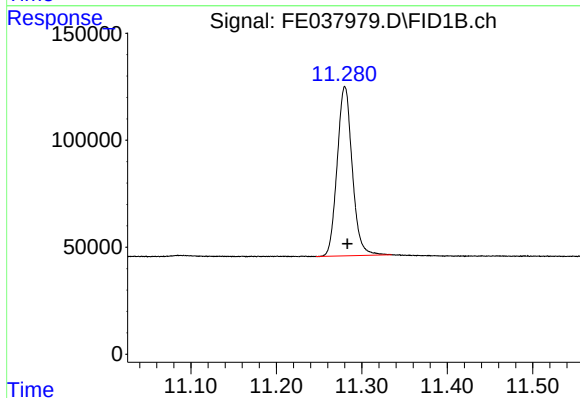
R.T.: 8.249 min
Delta R.T.: -0.003 min
Response: 878423
Conc: 6.04 ug/ml



#5 N-HEXADECANE

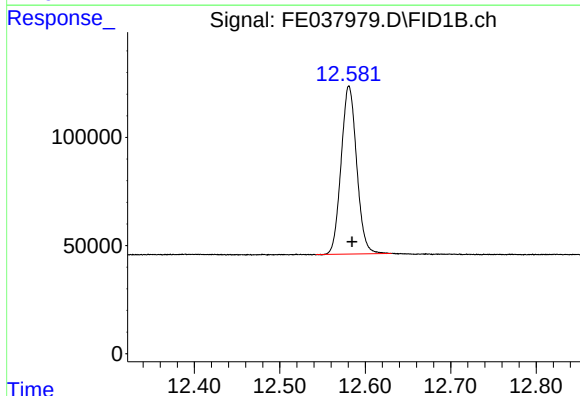
R.T.: 9.847 min
Delta R.T.: -0.003 min
Response: 929482
Conc: 6.20 ug/ml

Instrument :
FID_E
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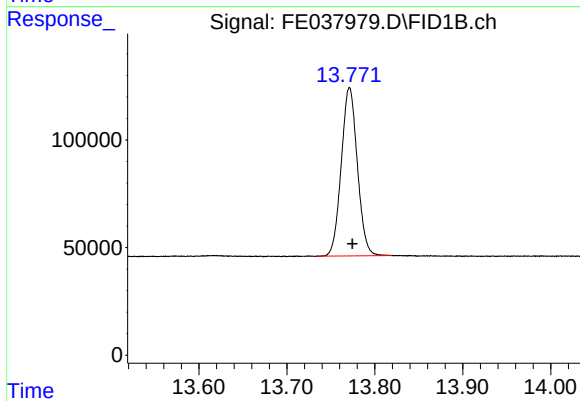
#6 N-OCTADECANE

R.T.: 11.280 min
Delta R.T.: -0.003 min
Response: 967639
Conc: 6.37 ug/ml



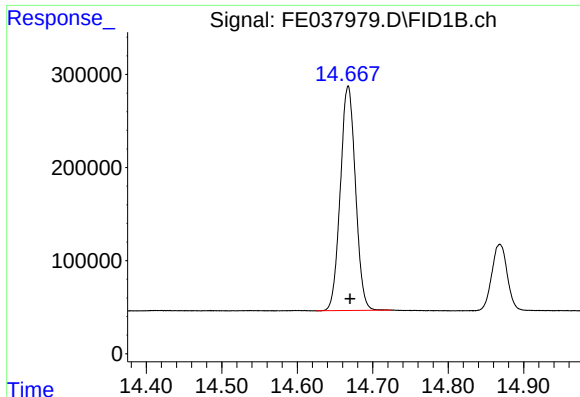
#7 N-EICOSANE

R.T.: 12.581 min
Delta R.T.: -0.004 min
Response: 982394
Conc: 6.45 ug/ml



#8 N-DOCOSANE

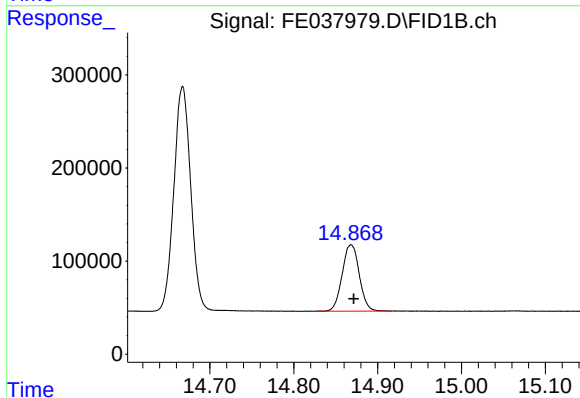
R.T.: 13.771 min
Delta R.T.: -0.003 min
Response: 995710
Conc: 6.69 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

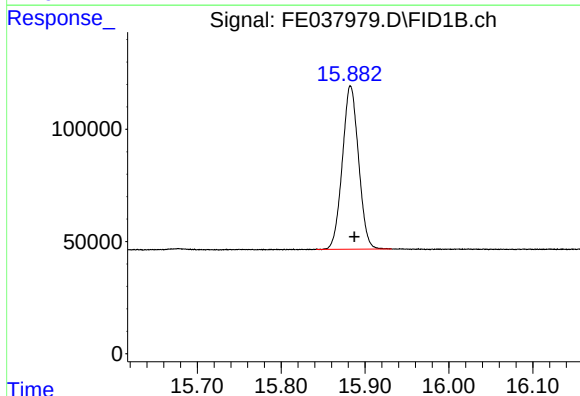
R.T.: 14.668 min
Delta R.T.: -0.003 min
Response: 3364992
Conc: 25.91 ug/ml

Instrument :
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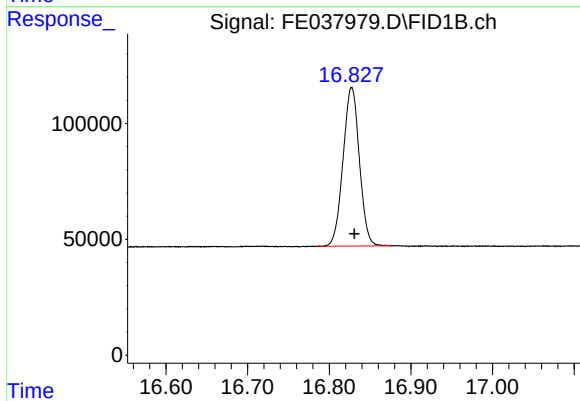
#10 N-TETRACOSANE

R.T.: 14.868 min
Delta R.T.: -0.003 min
Response: 1008115
Conc: 6.78 ug/ml



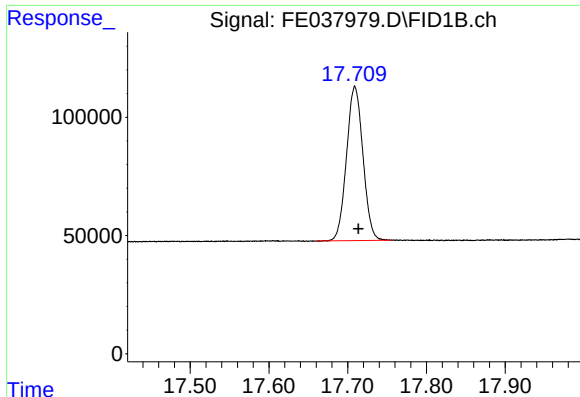
#11 N-HEXACOSANE

R.T.: 15.883 min
Delta R.T.: -0.005 min
Response: 975897
Conc: 6.75 ug/ml



#12 N-OCTACOSANE

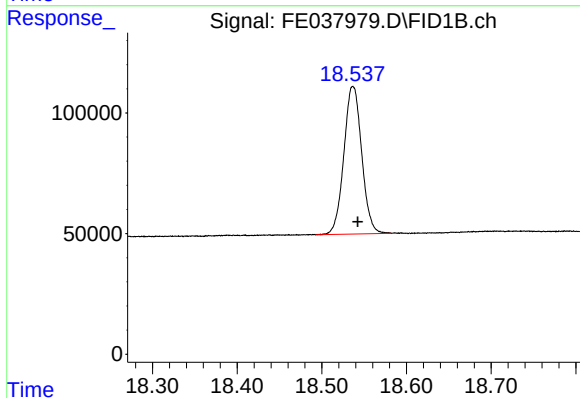
R.T.: 16.828 min
Delta R.T.: -0.003 min
Response: 952627
Conc: 6.77 ug/ml



#13 N-TRIACONTANE

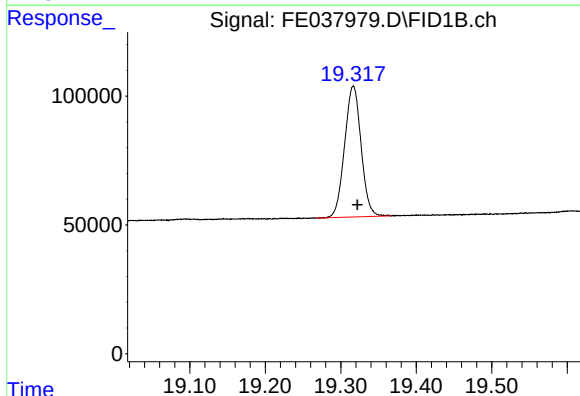
R.T.: 17.709 min
Delta R.T.: -0.004 min
Response: 945392
Conc: 6.81 ug/ml

Instrument :
FID_E
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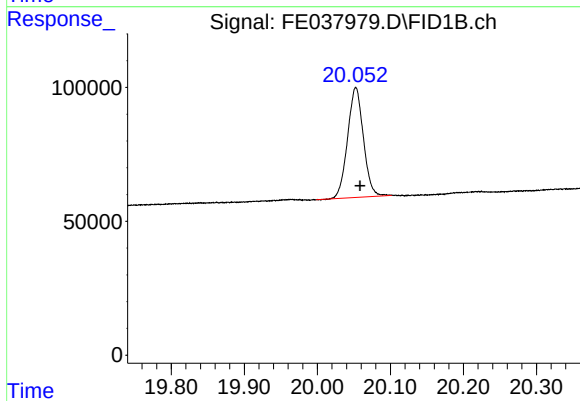
#14 N-DOTRIACONTANE

R.T.: 18.537 min
Delta R.T.: -0.006 min
Response: 896085
Conc: 6.37 ug/ml



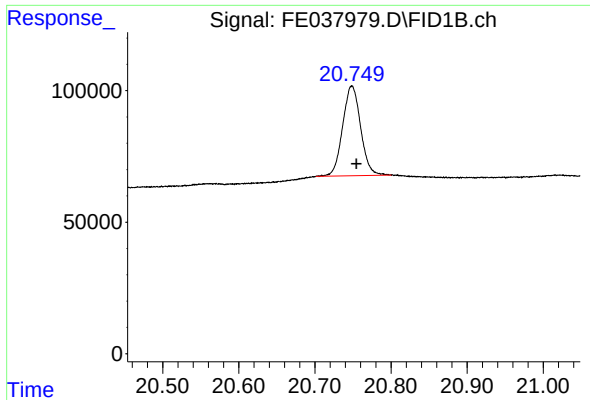
#15 N-TETRATRIACONTANE

R.T.: 19.317 min
Delta R.T.: -0.006 min
Response: 770588
Conc: 5.49 ug/ml



#16 N-HEXATRIACONTANE

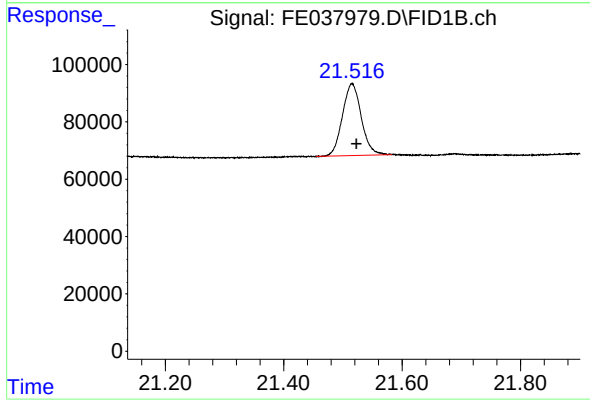
R.T.: 20.053 min
Delta R.T.: -0.006 min
Response: 616764
Conc: 4.55 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.748 min
Delta R.T.: -0.006 min
Response: 560236
Conc: 4.11 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.515 min
Delta R.T.: -0.007 min
Response: 554800
Conc: 3.83 ug/ml