

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101124\
 Data File : FE050594.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2024 16:58
 Operator : YP\AJ
 Sample : P4368-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-04-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 11 03:20:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE101124.M
 Quant Title :
 QLast Update : Thu Oct 10 13:46:49 2024
 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...	14.943	2206161	15.832 ug/ml
Target Compounds			
1) N-OCTANE	1.993	353082	2.358 ug/ml
2) N-DECANE	4.499	351086	2.270 ug/ml
3) N-DODECANE	6.667	337580	2.176 ug/ml
4) N-TETRADECANE	8.496	338972	2.157 ug/ml
5) N-HEXADECANE	10.101	346419	2.204 ug/ml
6) N-OCTADECANE	11.541	373312	2.328 ug/ml
7) N-EICOSANE	12.848	374863	2.318 ug/ml
8) N-DOCOSANE	14.043	379626	2.421 ug/ml
10) N-TETRACOSANE	15.145	383404	2.444 ug/ml
11) N-HEXACOSANE	16.165	382994	2.429 ug/ml
12) N-OCTACOSANE	17.113	394517	2.470 ug/ml
13) N-TRIACONTANE	18.000	398684	2.368 ug/ml
14) N-DOTRIACONTANE	18.830	354289	2.038 ug/ml
15) N-TETRATRIACONTANE	19.614	269713	1.523 ug/ml
16) N-HEXATRIACONTANE	20.352	191509	1.120 ug/ml
17) N-OCTATRIACONTANE	21.077	170352	1.012 ug/ml
18) N-TETRACONTANE	21.961	170476	1.107 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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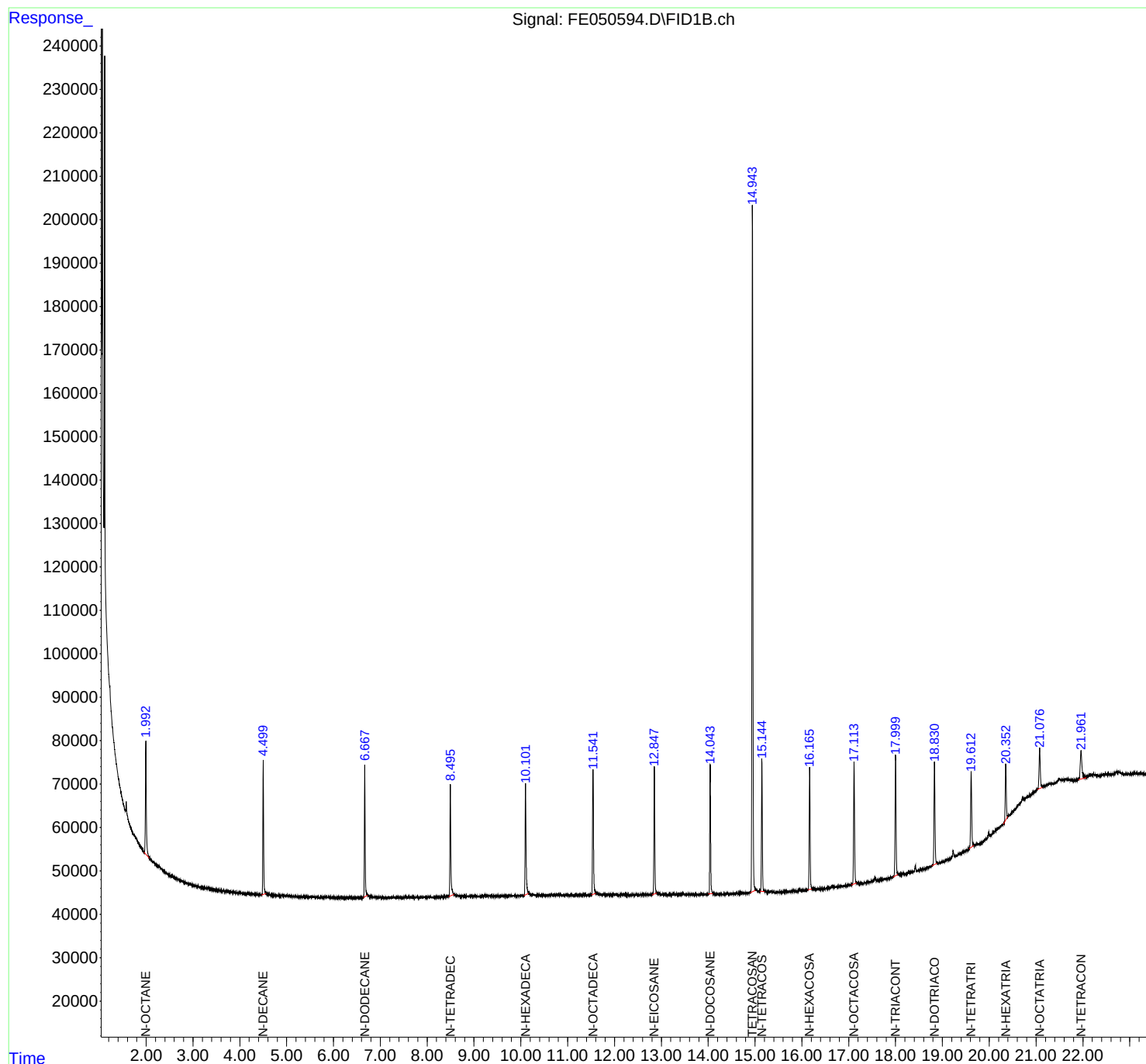
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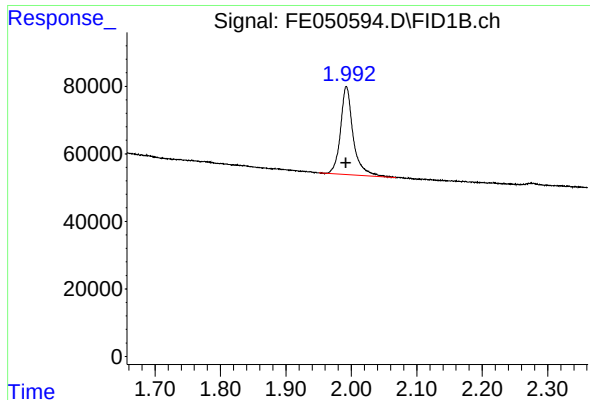
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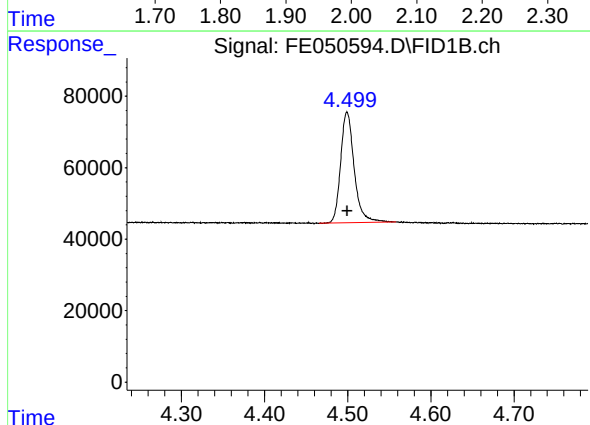
#1 N-OCTANE

R.T.: 1.993 min
Delta R.T.: 0.000 min
Response: 353082
Conc: 2.36 ug/ml

Instrument :
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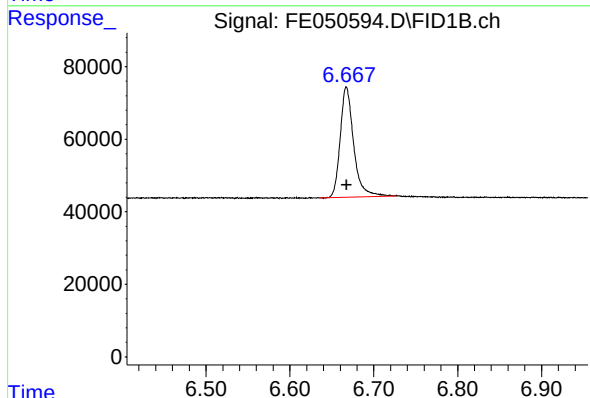
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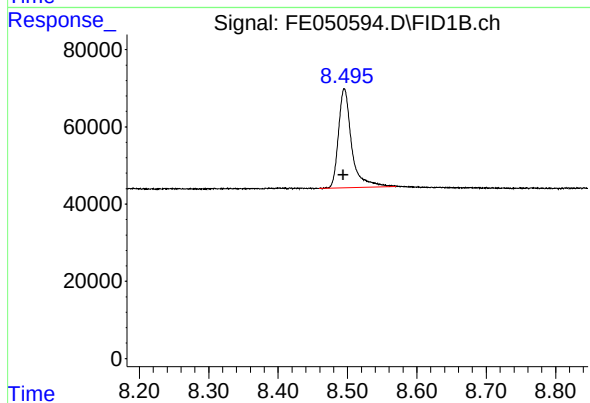
#2 N-DECANE

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 351086
Conc: 2.27 ug/ml



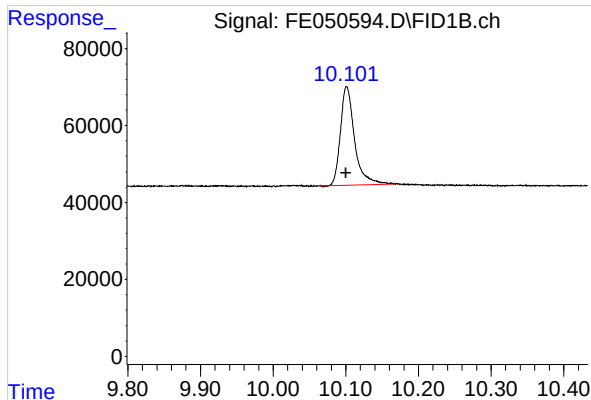
#3 N-DODECANE

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 337580
Conc: 2.18 ug/ml



#4 N-TETRADECANE

R.T.: 8.496 min
Delta R.T.: 0.001 min
Response: 338972
Conc: 2.16 ug/ml



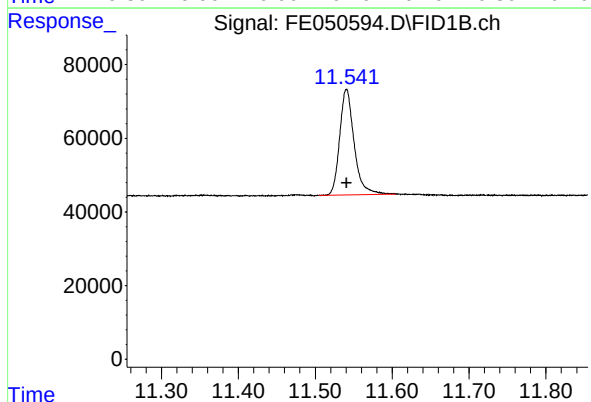
#5 N-HEXADECANE

R.T.: 10.101 min
Delta R.T.: 0.000 min
Response: 346419
Conc: 2.20 ug/ml

Instrument :
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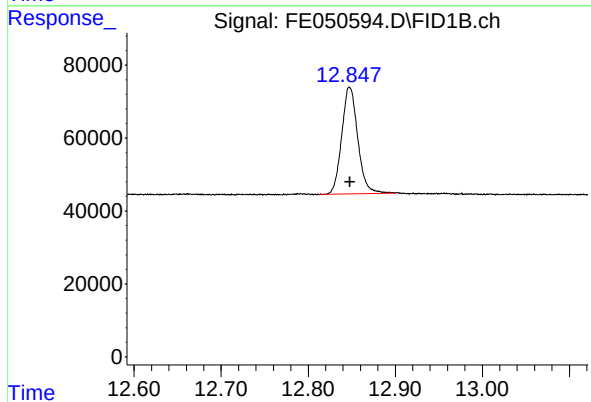
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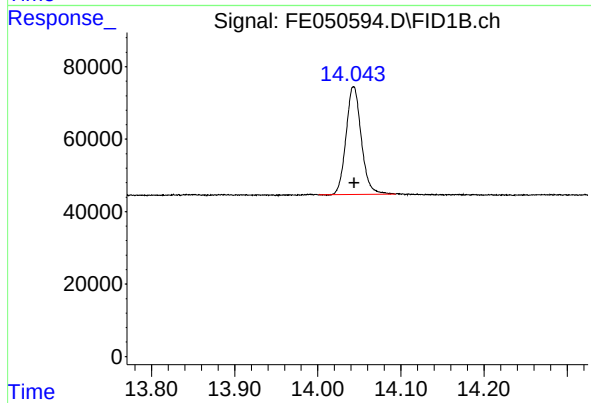
#6 N-OCTADECANE

R.T.: 11.541 min
Delta R.T.: 0.000 min
Response: 373312
Conc: 2.33 ug/ml



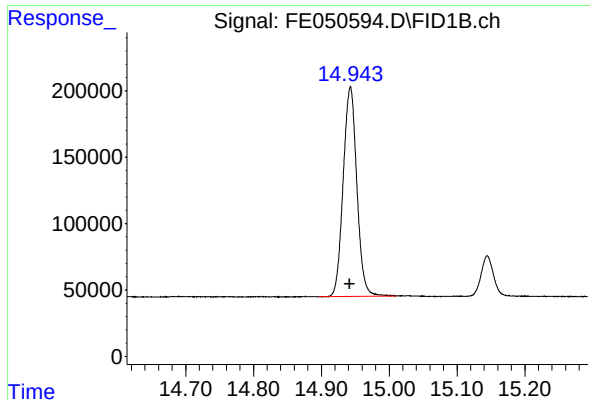
#7 N-EICOSANE

R.T.: 12.848 min
Delta R.T.: 0.000 min
Response: 374863
Conc: 2.32 ug/ml



#8 N-DOCOSANE

R.T.: 14.043 min
Delta R.T.: 0.000 min
Response: 379626
Conc: 2.42 ug/ml



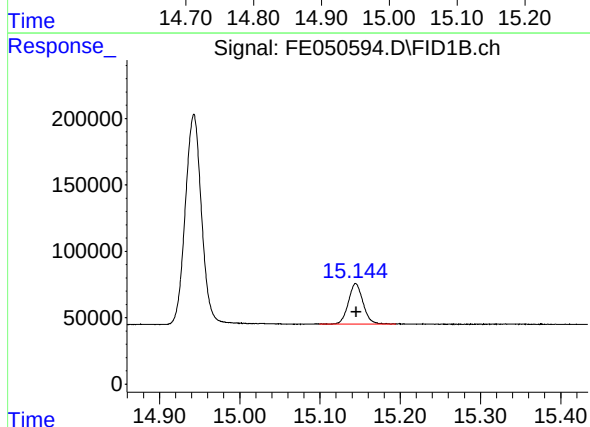
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.943 min
Delta R.T.: 0.000 min
Response: 2206161
Conc: 15.83 ug/ml

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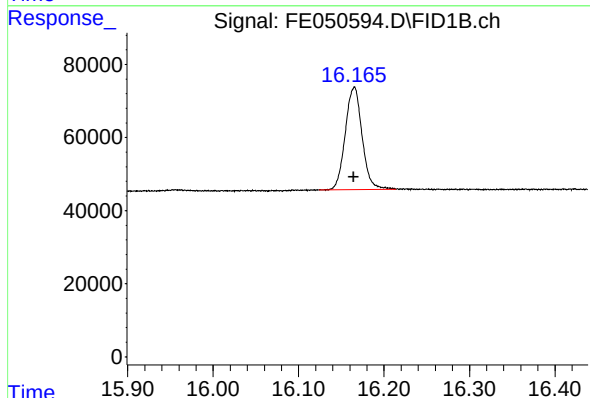
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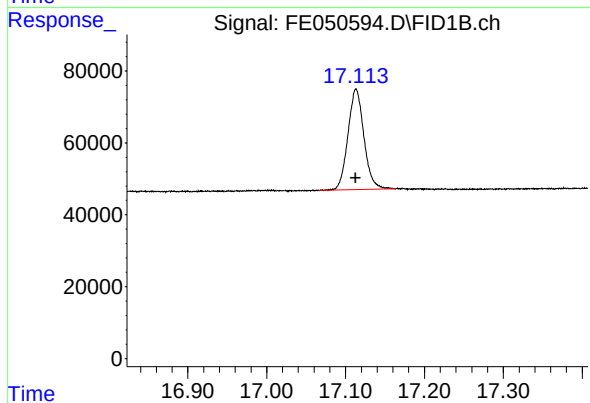
#10 N-TETRACOSANE

R.T.: 15.145 min
Delta R.T.: 0.000 min
Response: 383404
Conc: 2.44 ug/ml



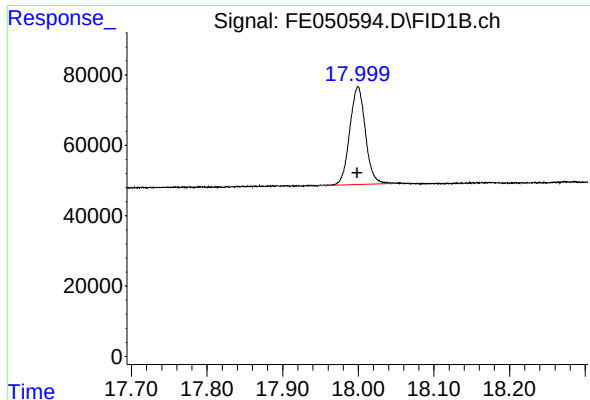
#11 N-HEXACOSANE

R.T.: 16.165 min
Delta R.T.: 0.000 min
Response: 382994
Conc: 2.43 ug/ml



#12 N-OCTACOSANE

R.T.: 17.113 min
Delta R.T.: 0.000 min
Response: 394517
Conc: 2.47 ug/ml



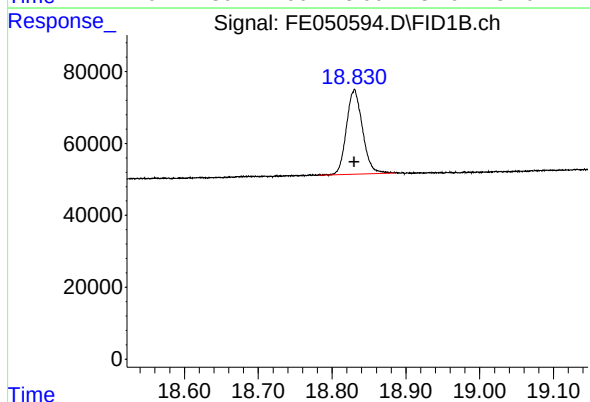
#13 N-TRIACONTANE

R.T.: 18.000 min
Delta R.T.: 0.001 min
Response: 398684
Conc: 2.37 ug/ml

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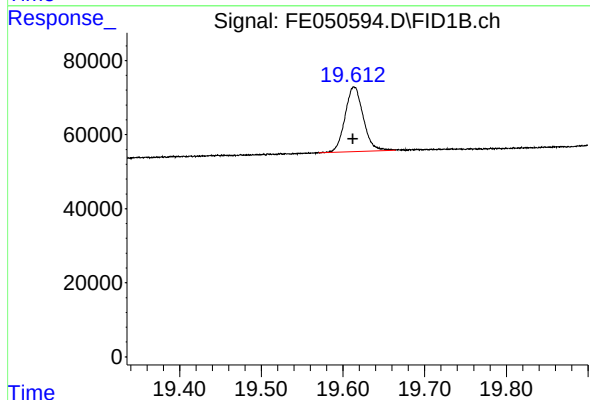
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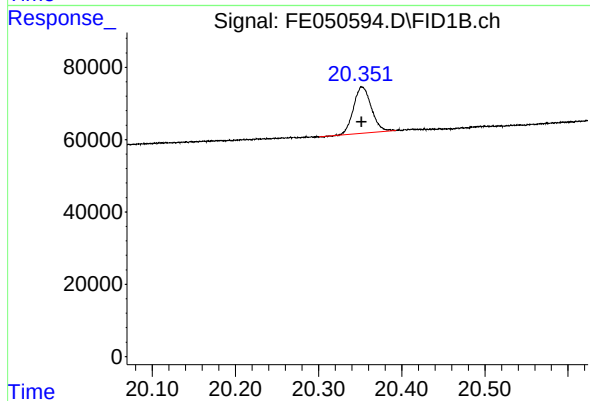
#14 N-DOTRIACONTANE

R.T.: 18.830 min
Delta R.T.: 0.000 min
Response: 354289
Conc: 2.04 ug/ml



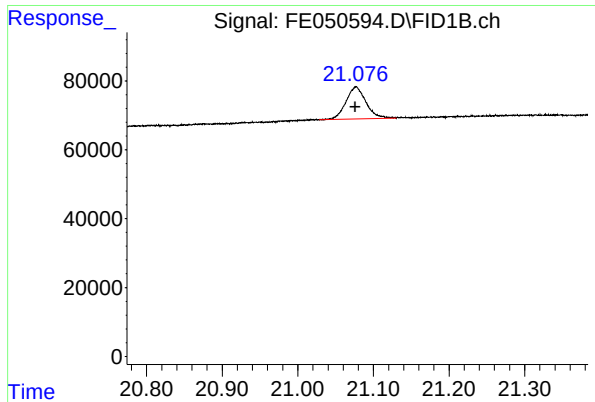
#15 N-TETRATRIACONTANE

R.T.: 19.614 min
Delta R.T.: 0.002 min
Response: 269713
Conc: 1.52 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.352 min
Delta R.T.: 0.000 min
Response: 191509
Conc: 1.12 ug/ml



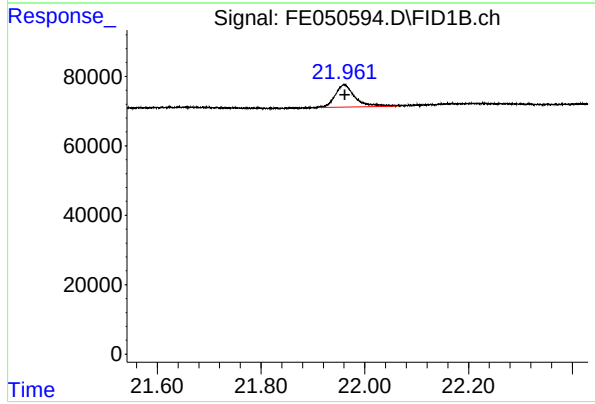
#17 N-OCTATRIACONTANE

R.T.: 21.077 min
Delta R.T.: 0.001 min
Response: 170352
Conc: 1.01 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.961 min
Delta R.T.: 0.000 min
Response: 170476
Conc: 1.11 ug/ml m