

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050924\
 Data File : FE048053.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2024 18:49
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
 Quant Time: May 10 11:45:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050924.M
 Quant Title :
 QLast Update : Fri May 10 11:42:50 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...	15.050	619346	5.474 ug/ml
Target Compounds			
1) N-OCTANE	2.078	771359	5.594 ug/ml
2) N-DECANE	4.598	750437	5.514 ug/ml
3) N-DODECANE	6.765	737058	5.469 ug/ml
4) N-TETRADECANE	8.592	738194	5.546 ug/ml
5) N-HEXADECANE	10.200	708118	5.352 ug/ml
6) N-OCTADECANE	11.643	709567	5.324 ug/ml
7) N-EICOSANE	12.952	727371	5.412 ug/ml
8) N-DOCOSANE	14.152	704867	5.450 ug/ml
10) N-TETRACOSANE	15.254	705675	5.497 ug/ml
11) N-HEXACOSANE	16.275	700875	5.493 ug/ml
12) N-OCTACOSANE	17.223	696661	5.500 ug/ml
13) N-TRIACONTANE	18.109	729525	5.624 ug/ml
14) N-DOTRIACONTANE	18.942	807241	5.791 ug/ml
15) N-TETRATRIACONTANE	19.726	747417	5.656 ug/ml
16) N-HEXATRIACONTANE	20.465	683724	5.285 ug/ml
17) N-OCTATRIACONTANE	21.206	657307	5.248 ug/ml
18) N-TETRACONTANE	22.130	702287	5.730 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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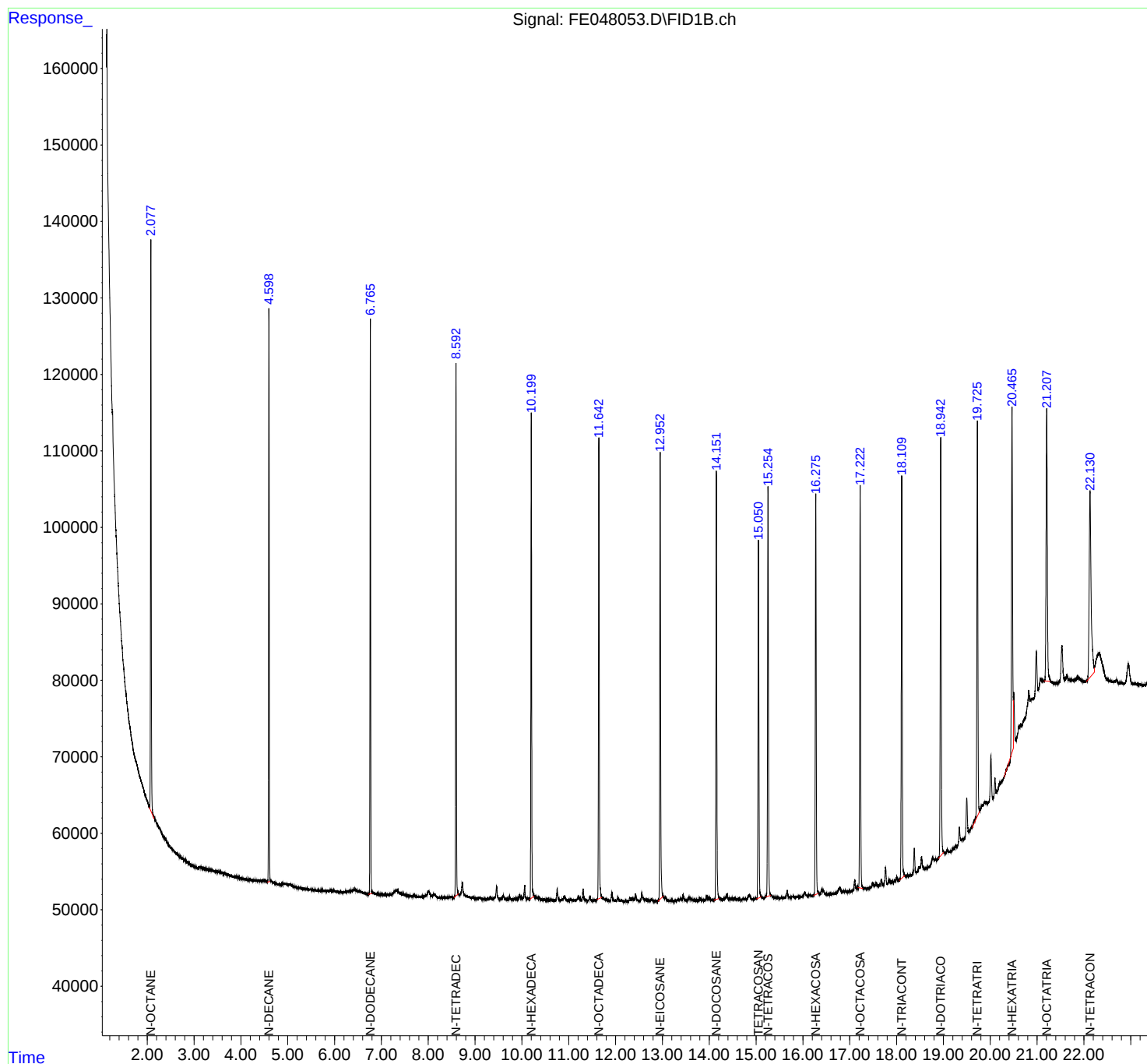
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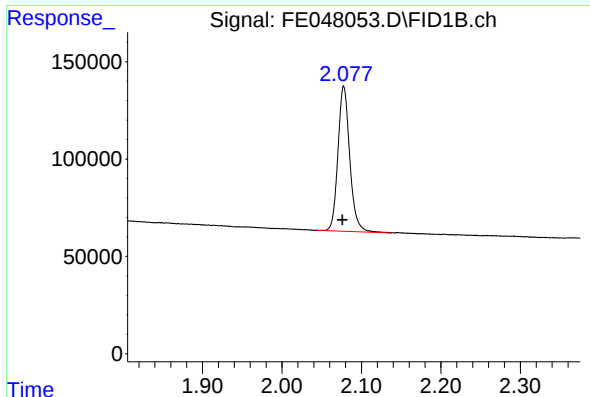
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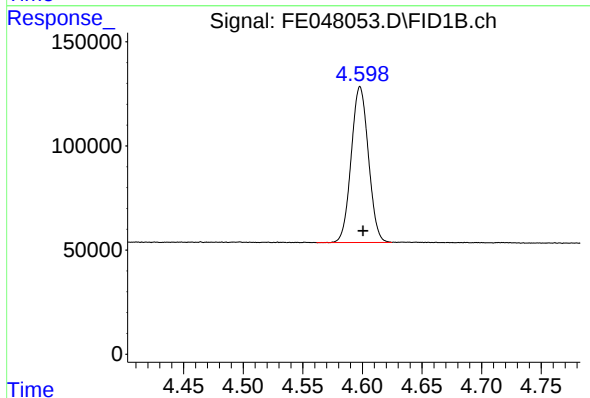
#1 N-OCTANE

R.T.: 2.078 min
Delta R.T.: 0.002 min
Response: 771359
Conc: 5.59 ug/ml

Instrument :
FID_E
ClientSampleId :
5 TRPH STD

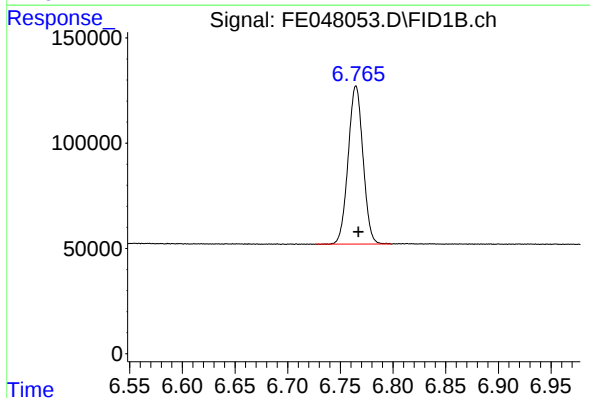
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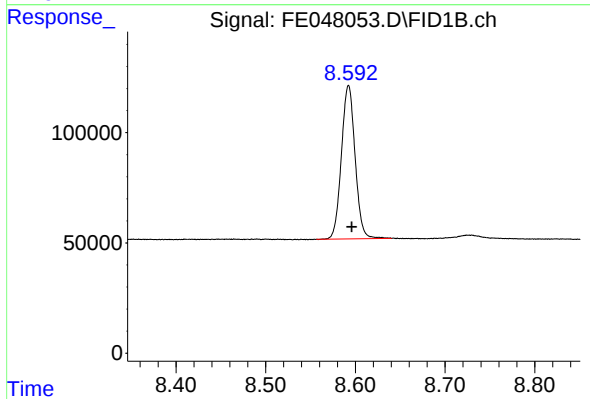
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 750437
Conc: 5.51 ug/ml



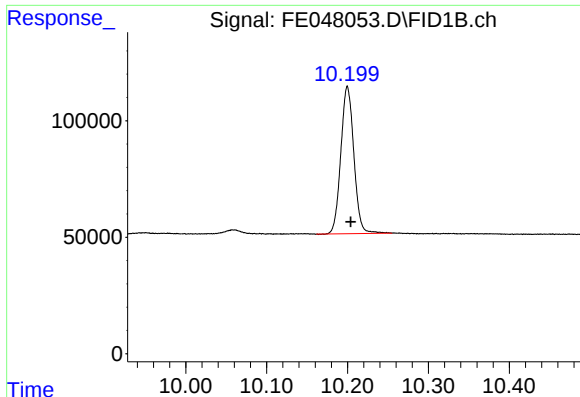
#3 N-DODECANE

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 737058
Conc: 5.47 ug/ml



#4 N-TETRADECANE

R.T.: 8.592 min
Delta R.T.: -0.004 min
Response: 738194
Conc: 5.55 ug/ml



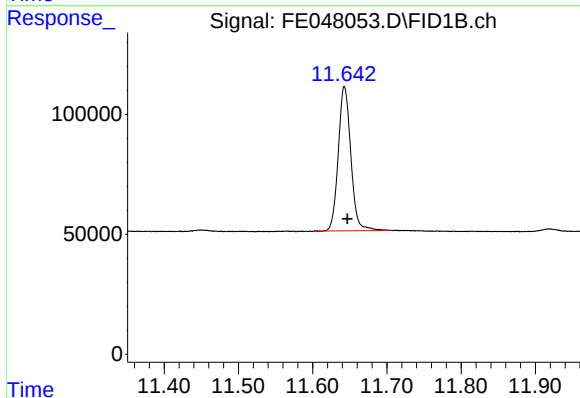
#5 N-HEXADECANE

R.T.: 10.200 min
Delta R.T.: -0.004 min
Response: 708118
Conc: 5.35 ug/ml

Instrument :
FID_E
ClientSampleId :
5 TRPH STD

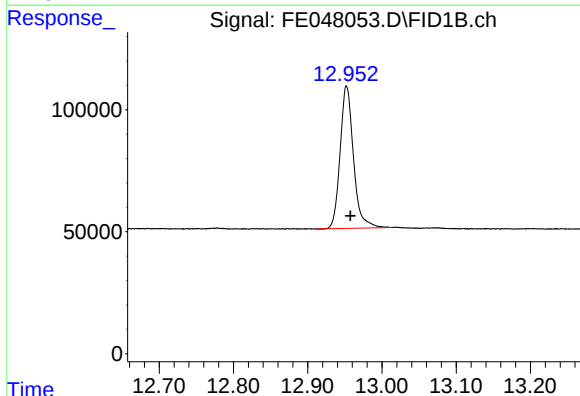
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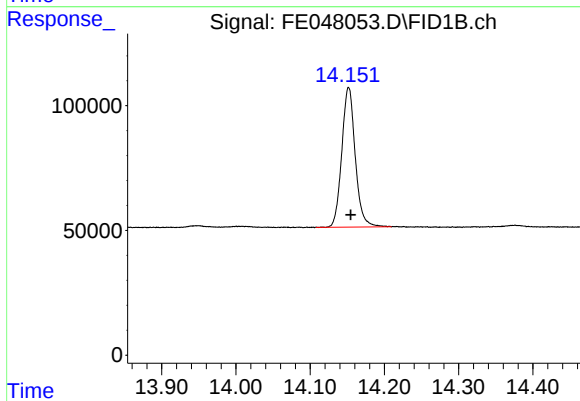
#6 N-OCTADECANE

R.T.: 11.643 min
Delta R.T.: -0.004 min
Response: 709567
Conc: 5.32 ug/ml



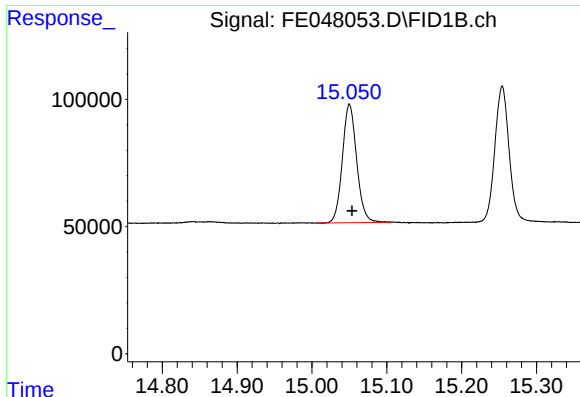
#7 N-EICOSANE

R.T.: 12.952 min
Delta R.T.: -0.005 min
Response: 727371
Conc: 5.41 ug/ml



#8 N-DOCOSANE

R.T.: 14.152 min
Delta R.T.: -0.003 min
Response: 704867
Conc: 5.45 ug/ml



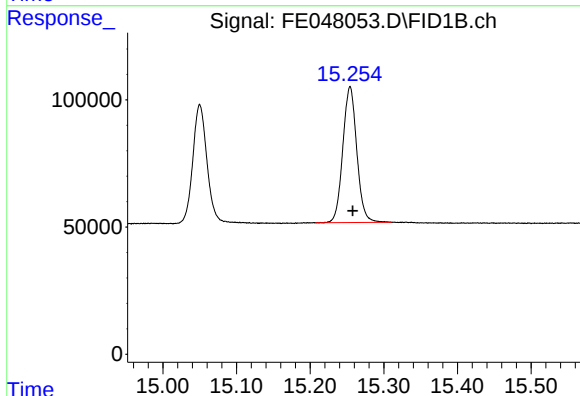
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.050 min
Delta R.T.: -0.003 min
Response: 619346
Conc: 5.47 ug/ml

Instrument :
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5 TRPH STD

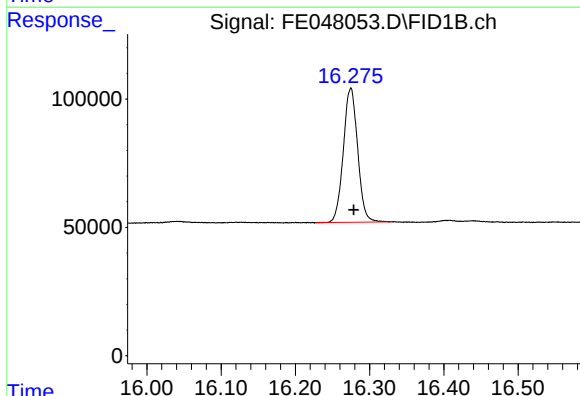
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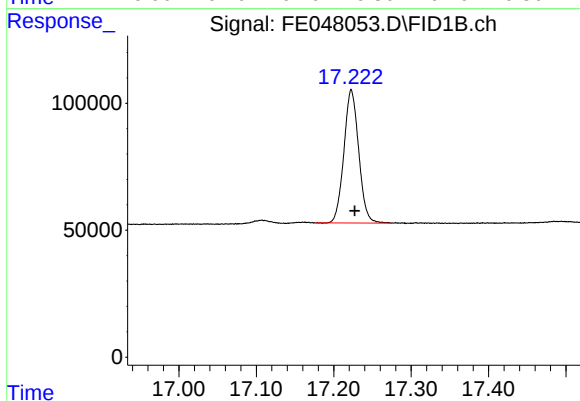
#10 N-TETRACOSANE

R.T.: 15.254 min
Delta R.T.: -0.004 min
Response: 705675
Conc: 5.50 ug/ml



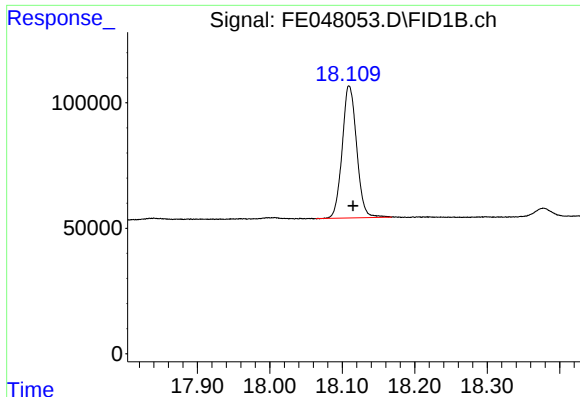
#11 N-HEXACOSANE

R.T.: 16.275 min
Delta R.T.: -0.004 min
Response: 700875
Conc: 5.49 ug/ml



#12 N-OCTACOSANE

R.T.: 17.223 min
Delta R.T.: -0.004 min
Response: 696661
Conc: 5.50 ug/ml



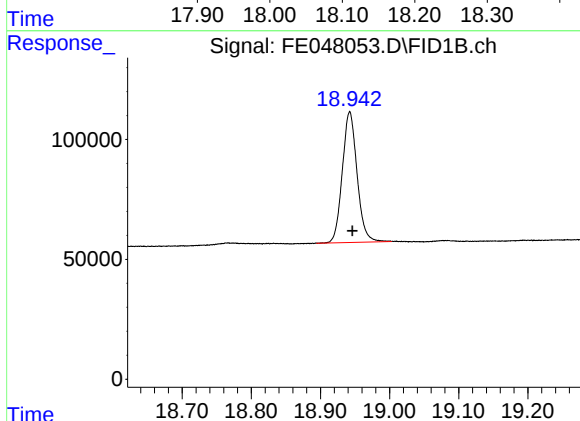
#13 N-TRIACONTANE

R.T.: 18.109 min
Delta R.T.: -0.005 min
Response: 729525
Conc: 5.62 ug/ml

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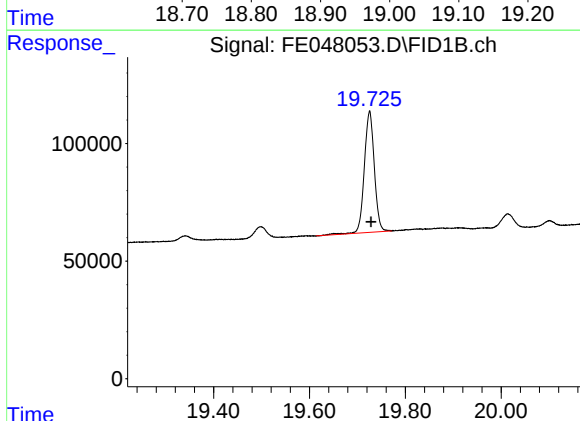
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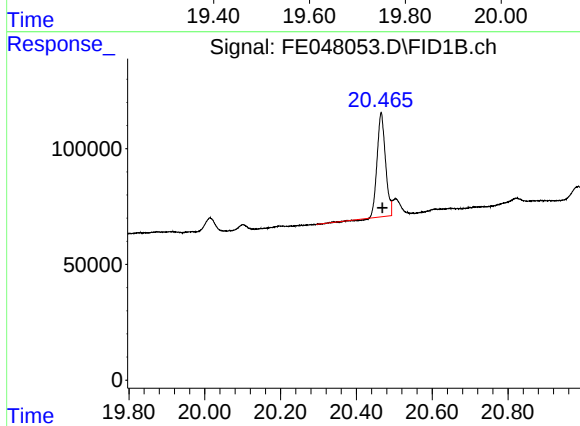
#14 N-DOTRIACONTANE

R.T.: 18.942 min
Delta R.T.: -0.004 min
Response: 807241
Conc: 5.79 ug/ml



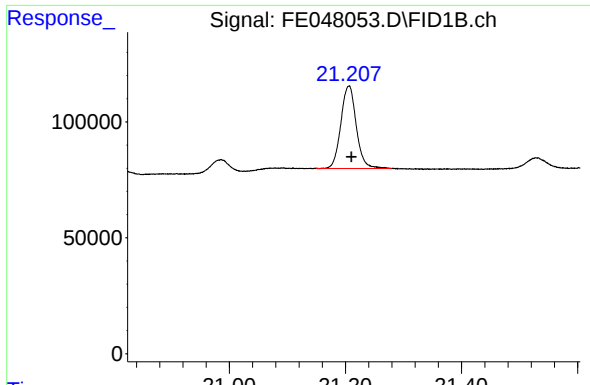
#15 N-TETRATRIACONTANE

R.T.: 19.726 min
Delta R.T.: -0.003 min
Response: 747417
Conc: 5.66 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.465 min
Delta R.T.: -0.003 min
Response: 683724
Conc: 5.29 ug/ml



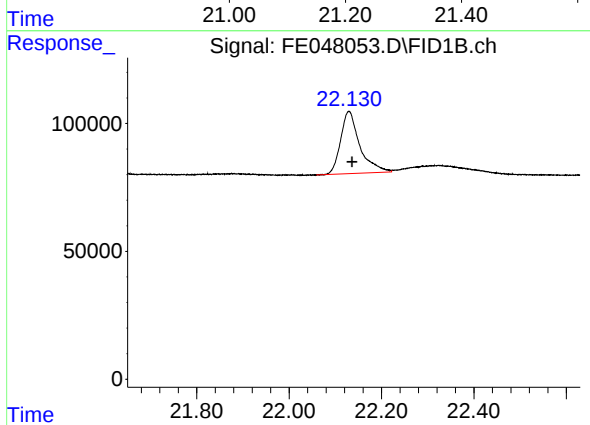
#17 N-OCTATRIACONTANE

R.T.: 21.206 min
Delta R.T.: -0.004 min
Response: 657307
Conc: 5.25 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.130 min
Delta R.T.: -0.006 min
Response: 702287
Conc: 5.73 ug/ml