

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072924\
 Data File : FE049302.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jul 2024 16:29
 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 07/30/2024
 Supervised By :Ankita Jodhani 07/30/2024

Integration File: autoint1.e
 Quant Time: Jul 30 04:48:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE072924.M
 Quant Title :
 QLast Update : Tue Jul 30 04:48:34 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...	14.992	683938	5.348 ug/ml
Target Compounds			
1) N-OCTANE	2.027	805057	5.729 ug/ml
2) N-DECANE	4.542	767878	5.479 ug/ml
3) N-DODECANE	6.710	746382	5.253 ug/ml
4) N-TETRADECANE	8.537	762034	5.384 ug/ml
5) N-HEXADECANE	10.144	744812	5.288 ug/ml
6) N-OCTADECANE	11.586	758226	5.285 ug/ml
7) N-EICOSANE	12.895	753981	5.349 ug/ml
8) N-DOCOSANE	14.093	748599	5.378 ug/ml
10) N-TETRACOSANE	15.195	749165	5.375 ug/ml
11) N-HEXACOSANE	16.215	758227	5.434 ug/ml
12) N-OCTACOSANE	17.164	762665	5.435 ug/ml
13) N-TRIACONTANE	18.051	783631	5.492 ug/ml
14) N-DOTRIACONTANE	18.881	782241	5.569 ug/ml
15) N-TETRATRIACONTANE	19.665	669541	5.503 ug/ml
16) N-HEXATRIACONTANE	20.405	551450	5.379 ug/mlm
17) N-OCTATRIACONTANE	21.136	503698	5.339 ug/ml
18) N-TETRACONTANE	22.038	529760	5.598 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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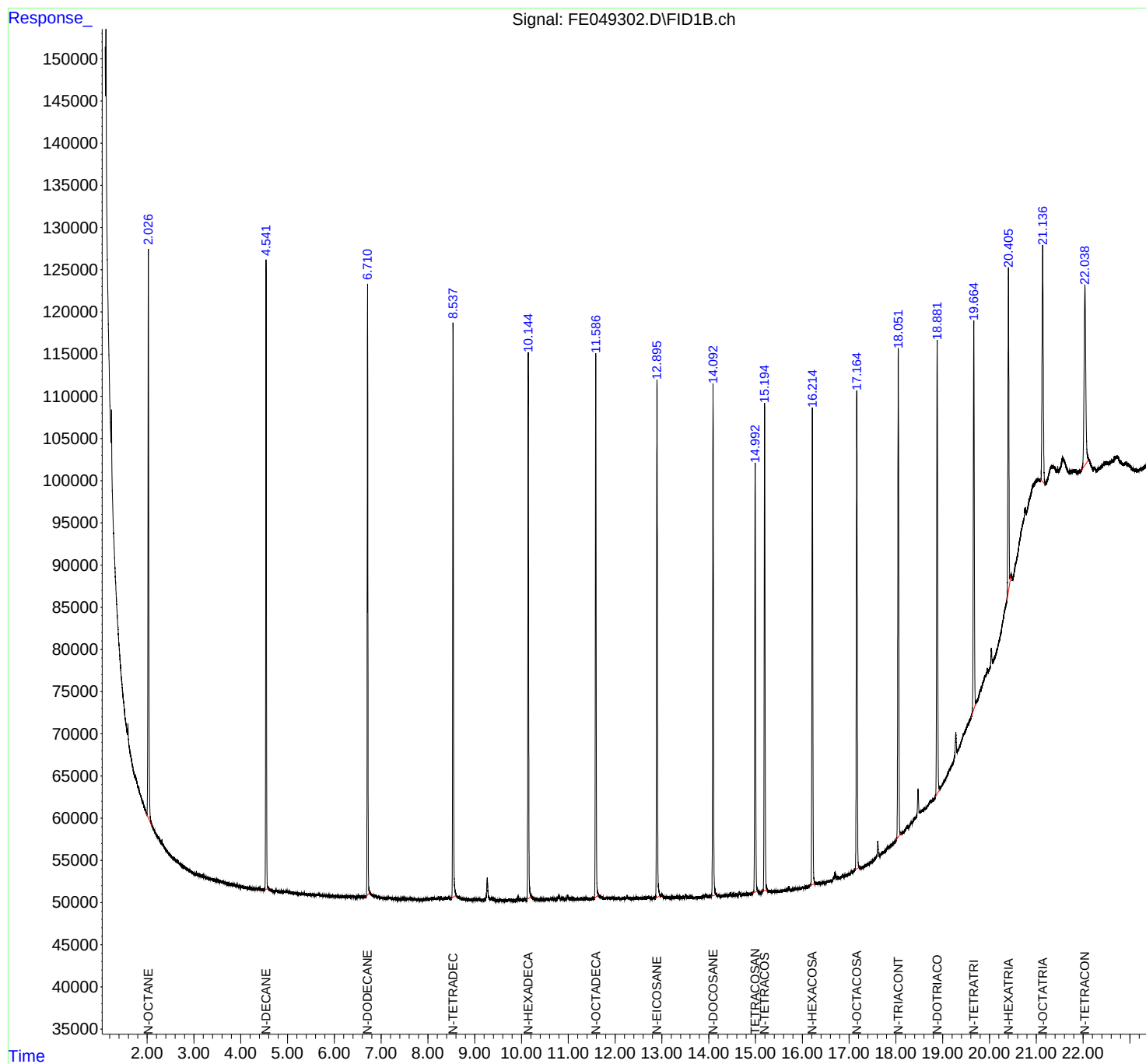
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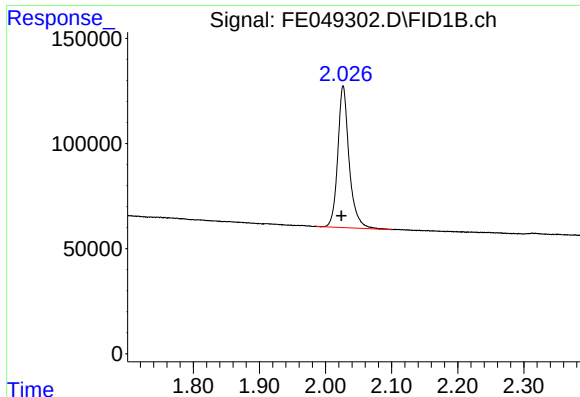
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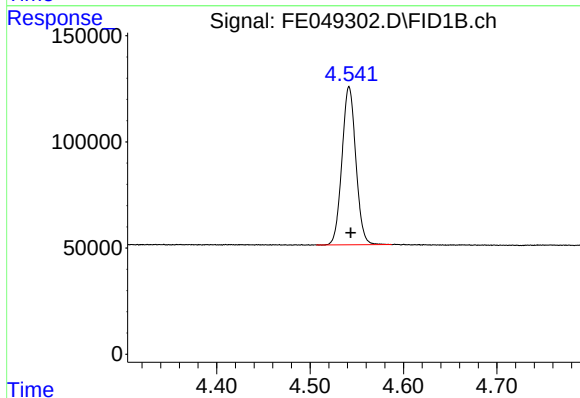
#1 N-OCTANE

R.T.: 2.027 min
Delta R.T.: 0.003 min
Response: 805057
Conc: 5.73 ug/ml

Instrument :
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ClientSampleId :
5 TRPH STD

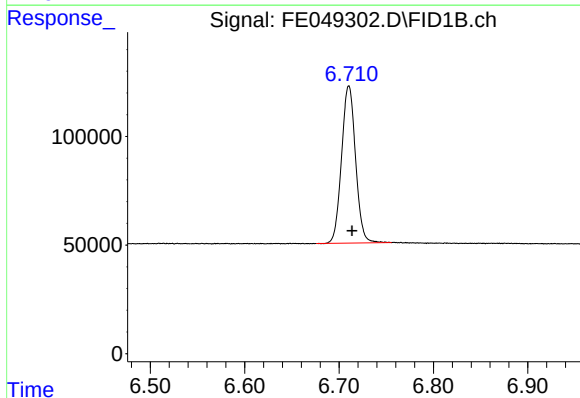
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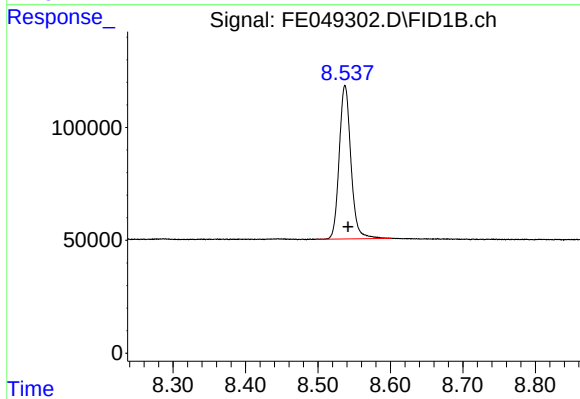
#2 N-DECANE

R.T.: 4.542 min
Delta R.T.: -0.002 min
Response: 767878
Conc: 5.48 ug/ml



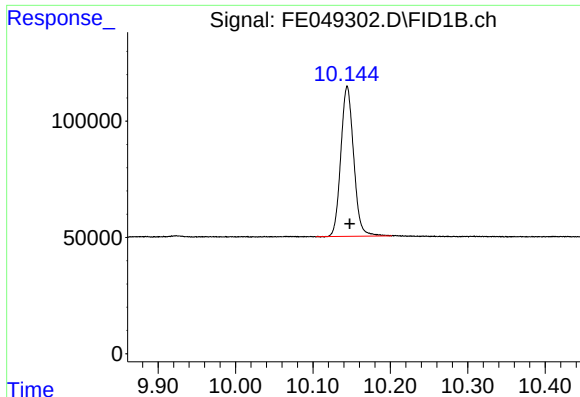
#3 N-DODECANE

R.T.: 6.710 min
Delta R.T.: -0.003 min
Response: 746382
Conc: 5.25 ug/ml



#4 N-TETRADECANE

R.T.: 8.537 min
Delta R.T.: -0.004 min
Response: 762034
Conc: 5.38 ug/ml



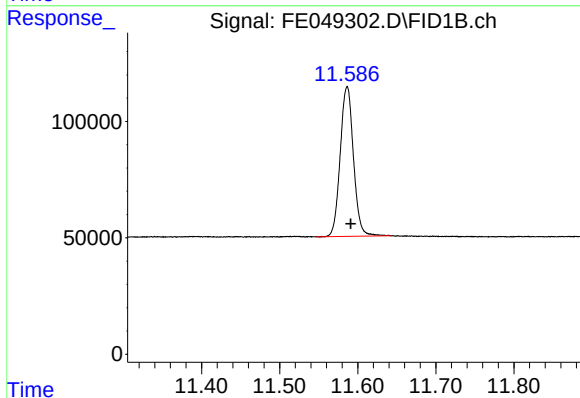
#5 N-HEXADECANE

R.T.: 10.144 min
Delta R.T.: -0.003 min
Response: 744812
Conc: 5.29 ug/ml

Instrument :
FID_E
ClientSampleId :
5 TRPH STD

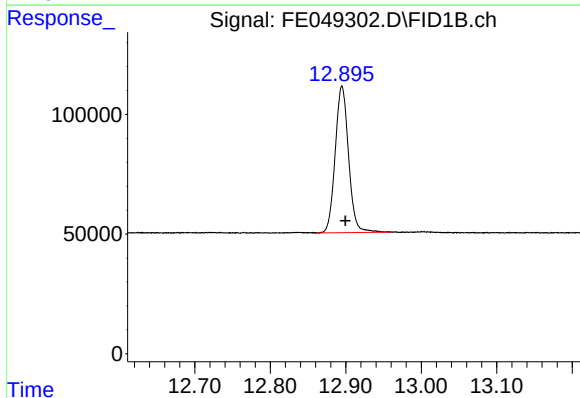
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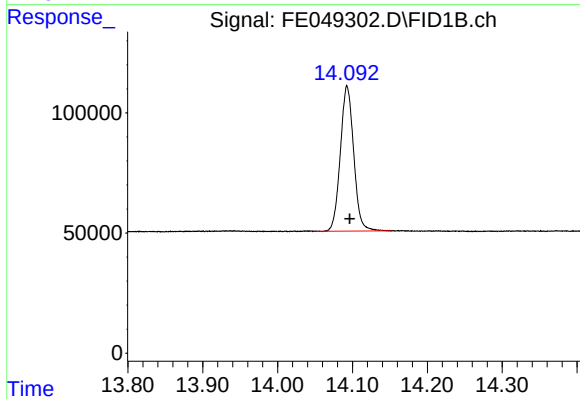
#6 N-OCTADECANE

R.T.: 11.586 min
Delta R.T.: -0.005 min
Response: 758226
Conc: 5.29 ug/ml



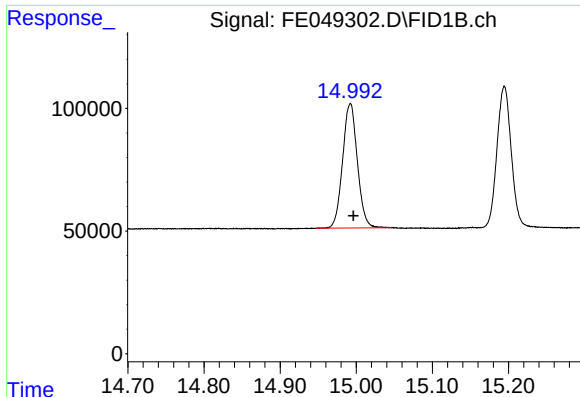
#7 N-EICOSANE

R.T.: 12.895 min
Delta R.T.: -0.005 min
Response: 753981
Conc: 5.35 ug/ml



#8 N-DOCOSANE

R.T.: 14.093 min
Delta R.T.: -0.004 min
Response: 748599
Conc: 5.38 ug/ml



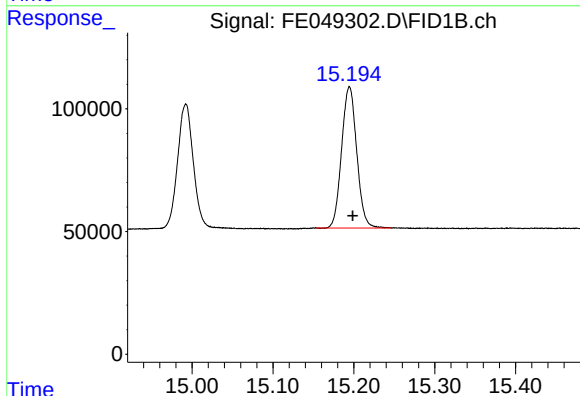
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.992 min
Delta R.T.: -0.004 min
Response: 683938
Conc: 5.35 ug/ml

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5 TRPH STD

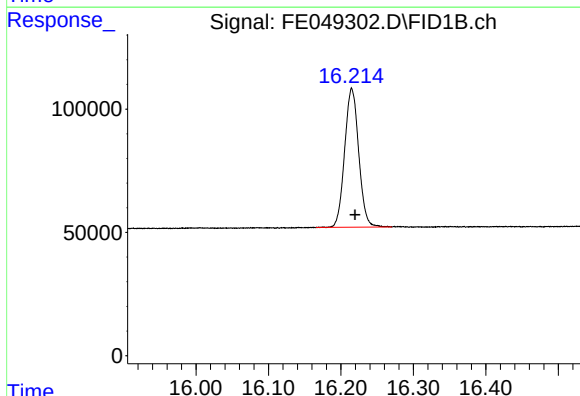
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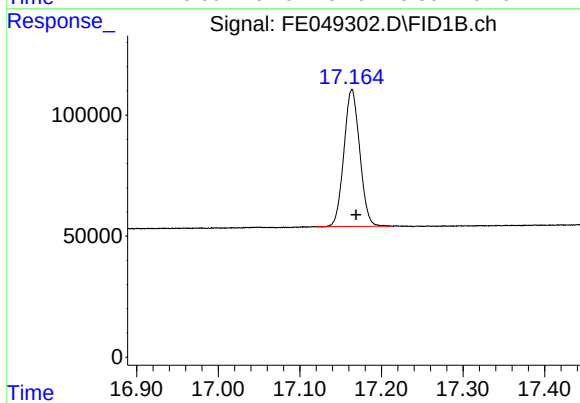
#10 N-TETRACOSANE

R.T.: 15.195 min
Delta R.T.: -0.004 min
Response: 749165
Conc: 5.37 ug/ml



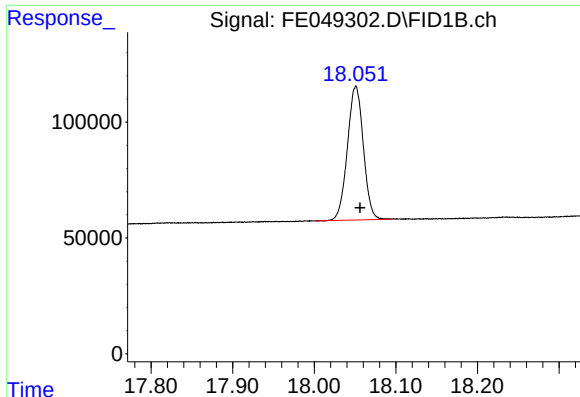
#11 N-HEXACOSANE

R.T.: 16.215 min
Delta R.T.: -0.005 min
Response: 758227
Conc: 5.43 ug/ml



#12 N-OCTACOSANE

R.T.: 17.164 min
Delta R.T.: -0.005 min
Response: 762665
Conc: 5.44 ug/ml



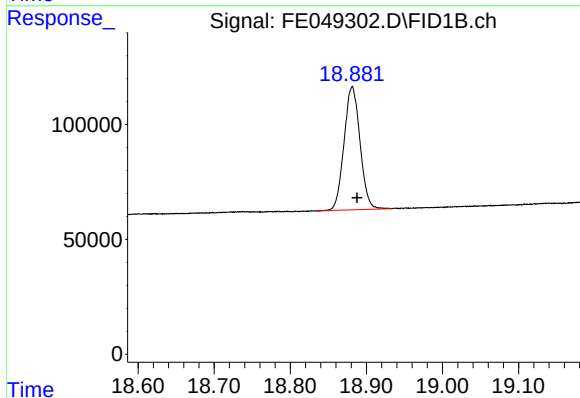
#13 N-TRIACONTANE

R.T.: 18.051 min
Delta R.T.: -0.005 min
Response: 783631
Conc: 5.49 ug/ml

Instrument :
FID_E
ClientSampleId :
5 TRPH STD

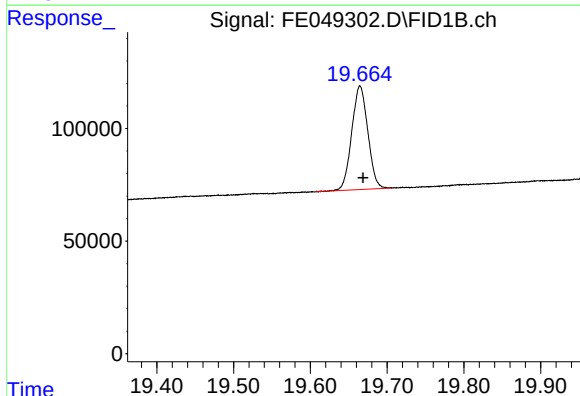
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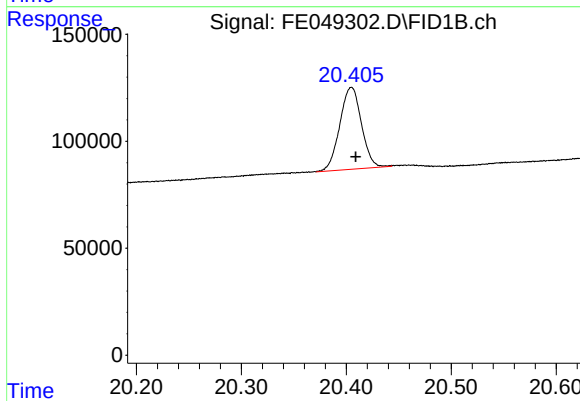
#14 N-DOTRIACONTANE

R.T.: 18.881 min
Delta R.T.: -0.006 min
Response: 782241
Conc: 5.57 ug/ml



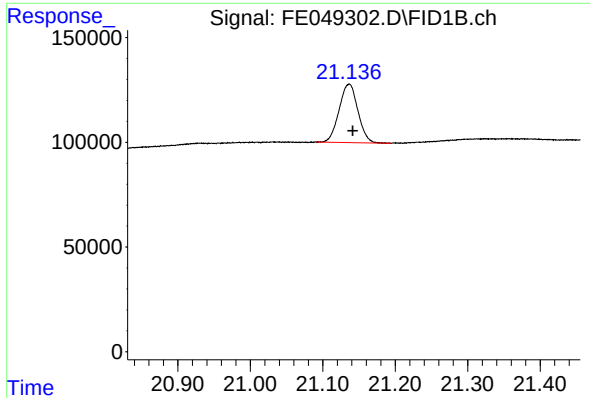
#15 N-TETRATRIACONTANE

R.T.: 19.665 min
Delta R.T.: -0.004 min
Response: 669541
Conc: 5.50 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.405 min
Delta R.T.: -0.004 min
Response: 551450
Conc: 5.38 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.136 min

Delta R.T.: -0.005 min

Response: 503698

Conc: 5.34 ug/ml

Instrument : FID_E

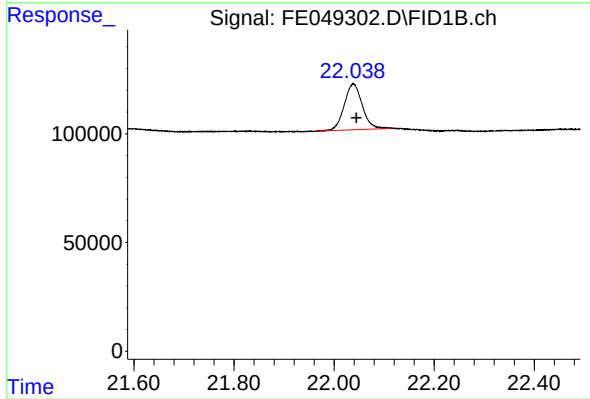
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#18 N-TETRACONTANE

R.T.: 22.038 min

Delta R.T.: -0.006 min

Response: 529760

Conc: 5.60 ug/ml