

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013125\
 Data File : FE052192.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2025 00:13
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
 Quant Time: Feb 03 01:37:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 2025
 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...	15.297	4384971	44.026 ug/ml
Target Compounds			
1) N-OCTANE	2.465	3888634	45.599 ug/ml
2) N-DECANE	4.960	4184778	45.733 ug/ml
3) N-DODECANE	7.085	4509212	45.130 ug/ml
4) N-TETRADECANE	8.889	4547342	44.692 ug/ml
5) N-HEXADECANE	10.481	4745501	44.534 ug/ml
6) N-OCTADECANE	11.912	4975581	44.377 ug/ml
7) N-EICOSANE	13.212	4922686	44.198 ug/ml
8) N-DOCOSANE	14.404	4870225	43.864 ug/ml
10) N-TETRACOSANE	15.501	4877692	44.098 ug/ml
11) N-HEXACOSANE	16.516	4810955	44.133 ug/ml
12) N-OCTACOSANE	17.462	4782342	44.306 ug/mlm
13) N-TRIACONTANE	18.346	4774961	44.501 ug/mlm
14) N-DOTRIACONTANE	19.175	4726668	45.267 ug/mlm
15) N-TETRATRIACONTANE	19.957	4478883	47.696 ug/ml
16) N-HEXATRIACONTANE	20.695	4294850	53.185 ug/ml
17) N-OCTATRIACONTANE	21.491	4261353	57.115 ug/ml
18) N-TETRACONTANE	22.509	4438091	60.263 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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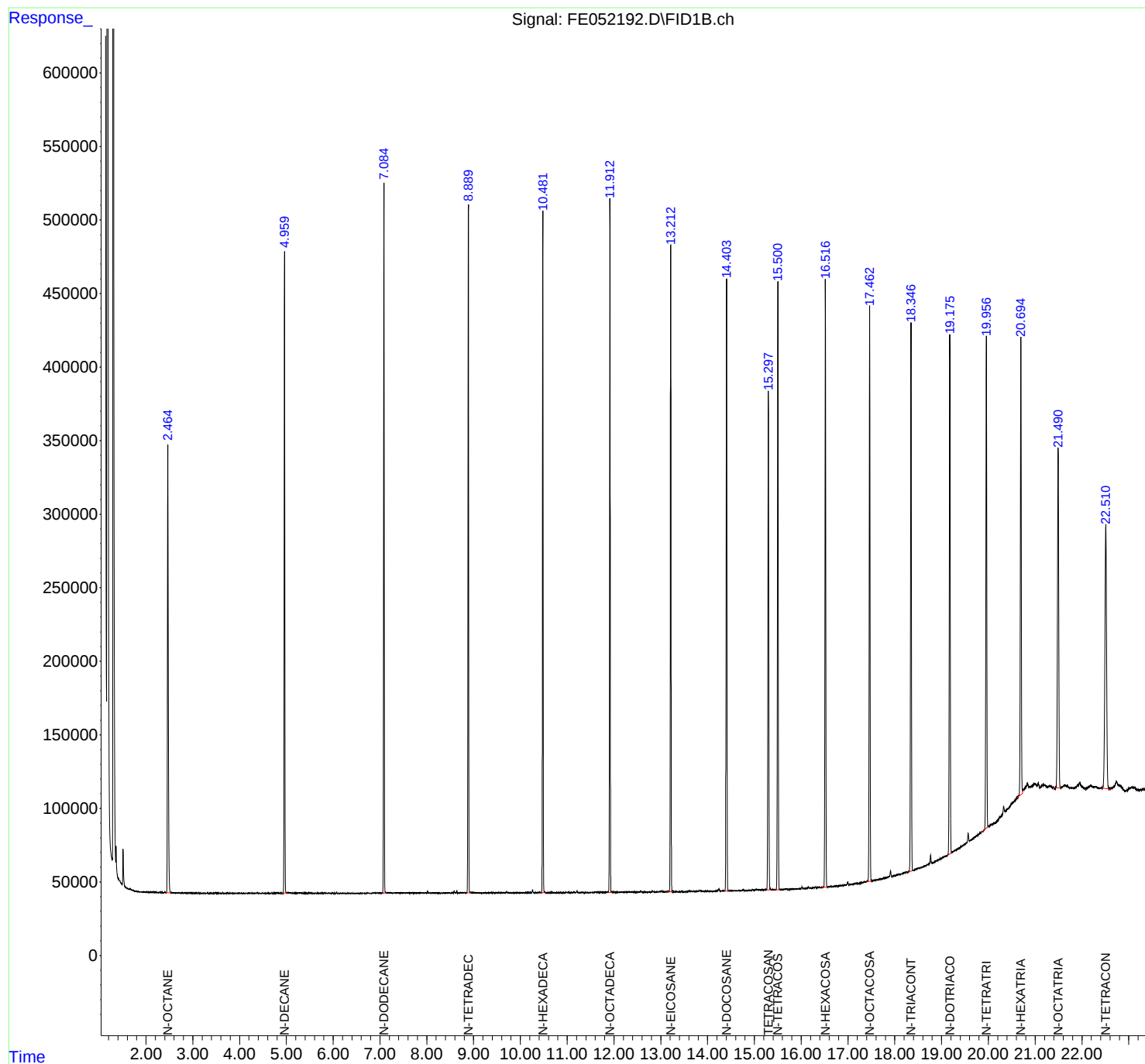
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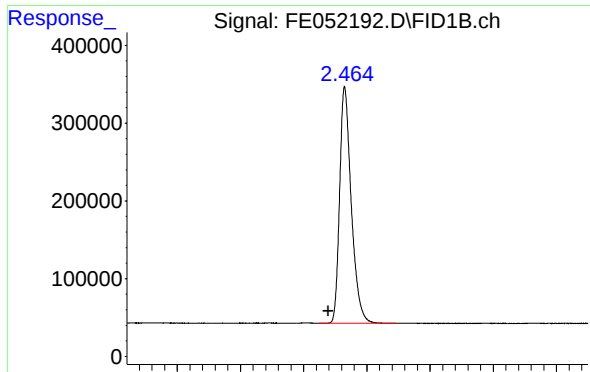
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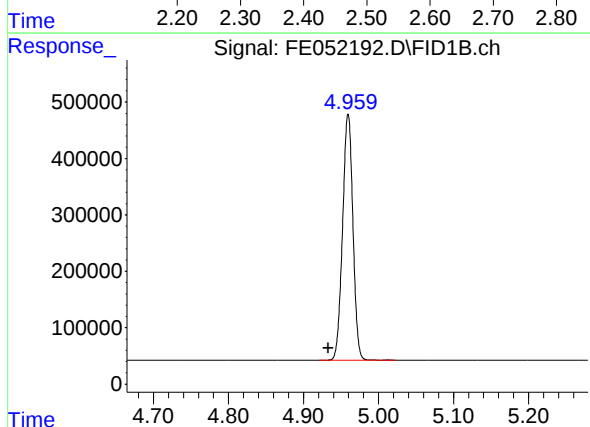
#1 N-OCTANE

R.T.: 2.465 min
Delta R.T.: 0.026 min
Response: 3888634
Conc: 45.60 ug/ml

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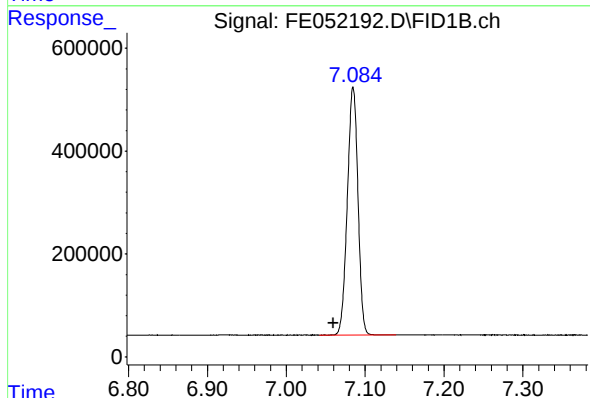
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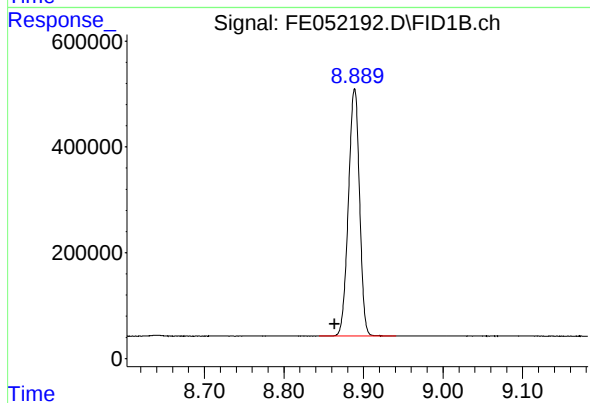
#2 N-DECANE

R.T.: 4.960 min
Delta R.T.: 0.027 min
Response: 4184778
Conc: 45.73 ug/ml



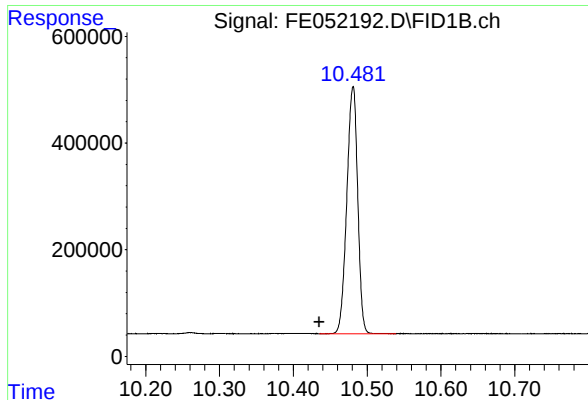
#3 N-DODECANE

R.T.: 7.085 min
Delta R.T.: 0.025 min
Response: 4509212
Conc: 45.13 ug/ml



#4 N-TETRADECANE

R.T.: 8.889 min
Delta R.T.: 0.025 min
Response: 4547342
Conc: 44.69 ug/ml



#5 N-HEXADECANE

R.T.: 10.481 min
Delta R.T.: 0.045 min
Response: 4745501
Conc: 44.53 ug/ml

Instrument :

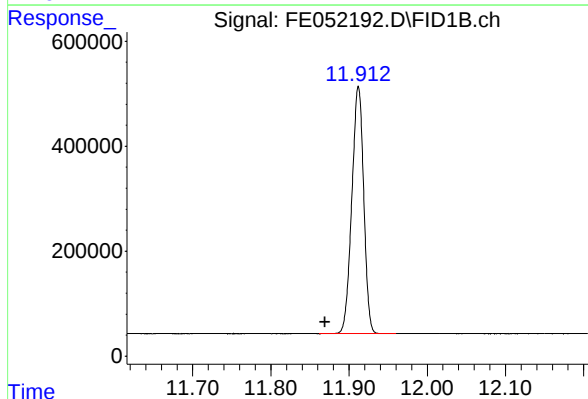
FID_E

ClientSampleId :

50 PPM TRPH STD

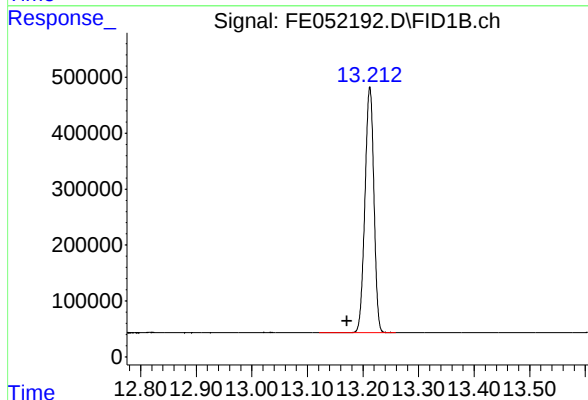
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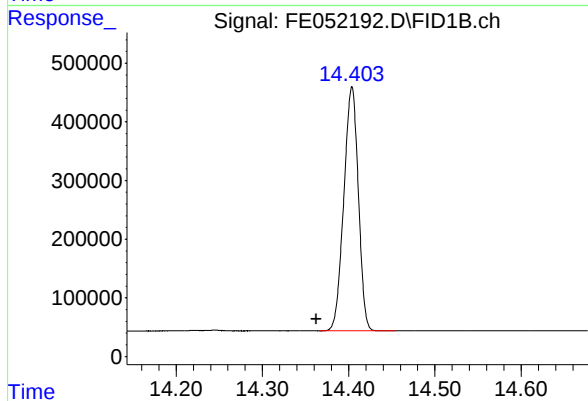
#6 N-OCTADECANE

R.T.: 11.912 min
Delta R.T.: 0.043 min
Response: 4975581
Conc: 44.38 ug/ml



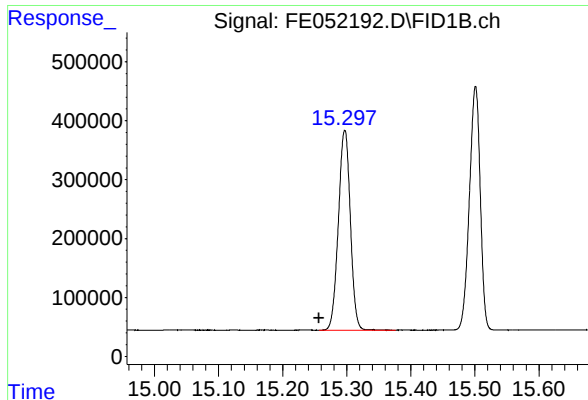
#7 N-EICOSANE

R.T.: 13.212 min
Delta R.T.: 0.041 min
Response: 4922686
Conc: 44.20 ug/ml



#8 N-DOCOSANE

R.T.: 14.404 min
Delta R.T.: 0.041 min
Response: 4870225
Conc: 43.86 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.297 min
Delta R.T.: 0.040 min
Response: 4384971
Conc: 44.03 ug/ml

Instrument :

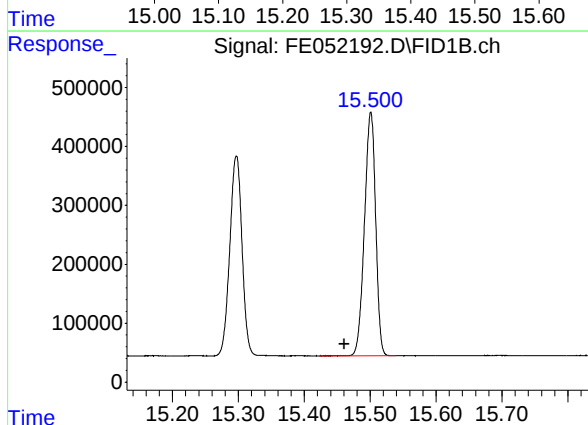
FID_E

ClientSampleId :

50 PPM TRPH STD

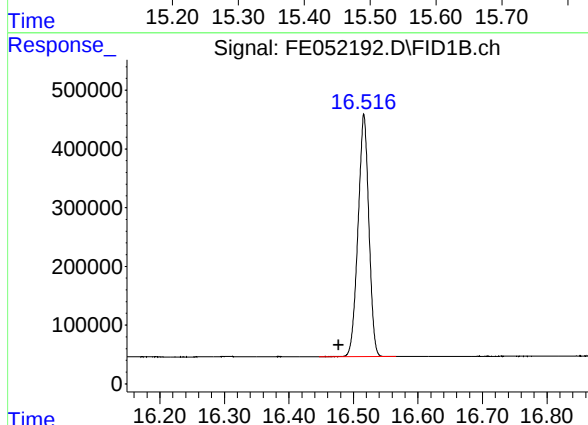
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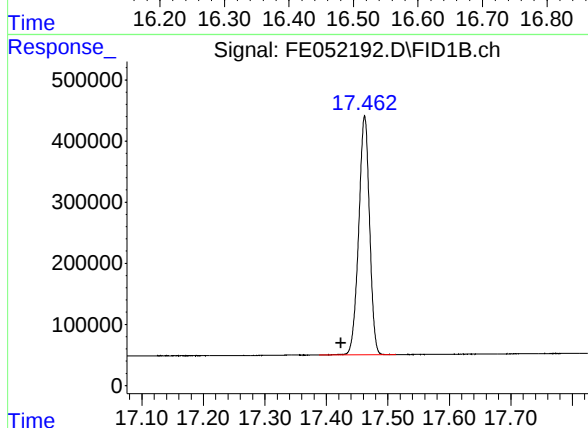
#10 N-TETRACOSANE

R.T.: 15.501 min
Delta R.T.: 0.040 min
Response: 4877692
Conc: 44.10 ug/ml



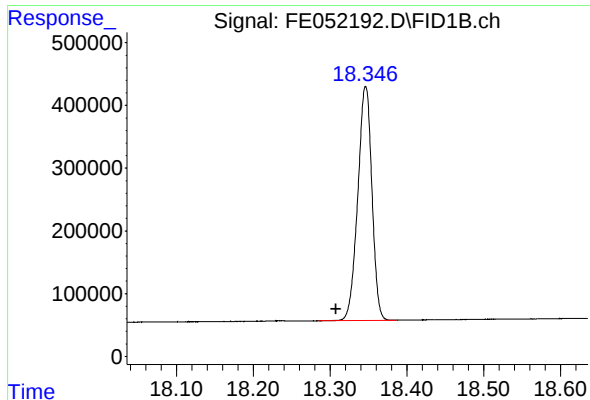
#11 N-HEXACOSANE

R.T.: 16.516 min
Delta R.T.: 0.039 min
Response: 4810955
Conc: 44.13 ug/ml



#12 N-OCTACOSANE

R.T.: 17.462 min
Delta R.T.: 0.038 min
Response: 4782342
Conc: 44.31 ug/ml m



#13 N-TRIACONTANE

R.T.: 18.346 min
Delta R.T.: 0.038 min
Response: 4774961
Conc: 44.50 ug/ml

Instrument :

FID_E

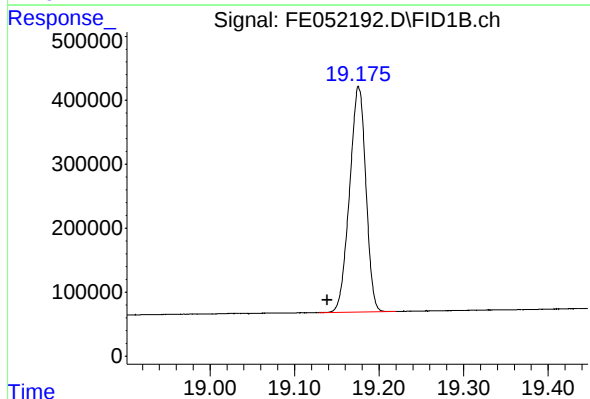
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

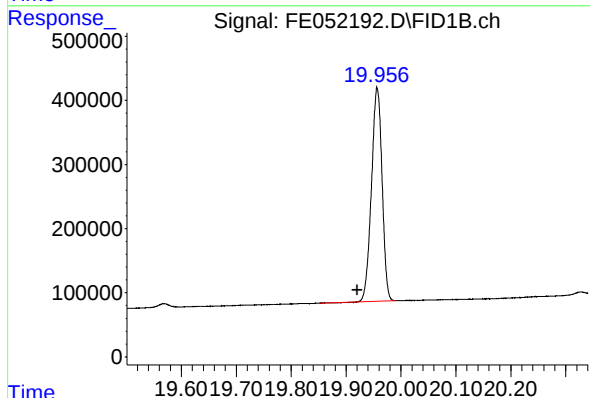
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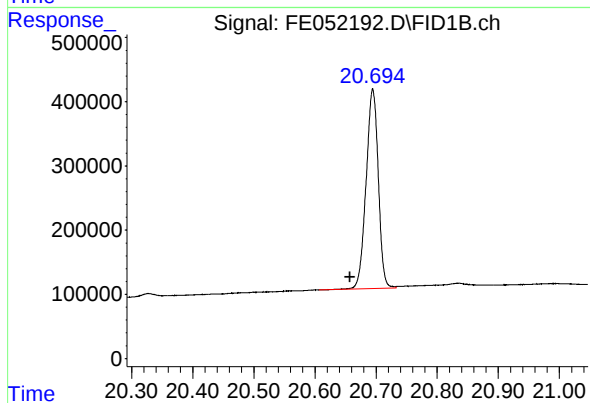
#14 N-DOTRIACONTANE

R.T.: 19.175 min
Delta R.T.: 0.036 min
Response: 4726668
Conc: 45.27 ug/ml m



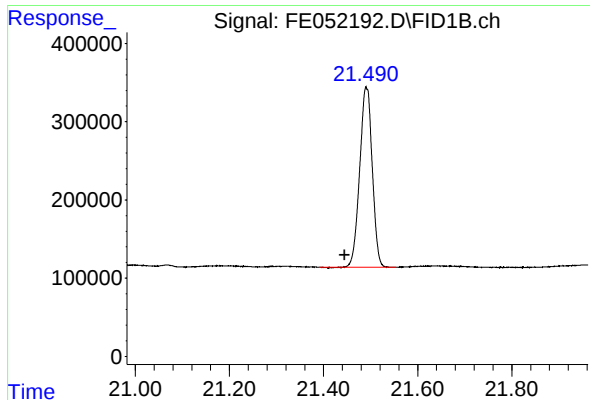
#15 N-TETRATRIACONTANE

R.T.: 19.957 min
Delta R.T.: 0.037 min
Response: 4478883
Conc: 47.70 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.695 min
Delta R.T.: 0.037 min
Response: 4294850
Conc: 53.19 ug/ml



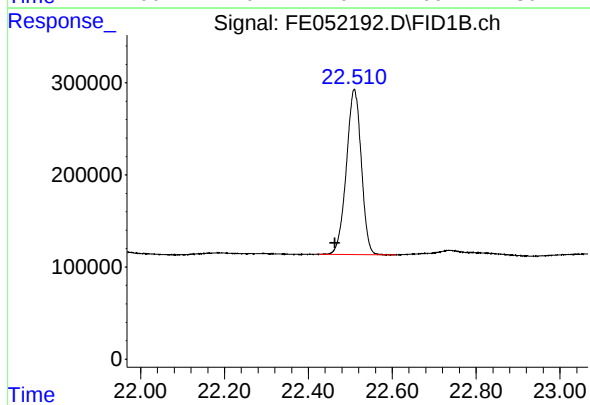
#17 N-OCTATRIACONTANE

R.T.: 21.491 min
Delta R.T.: 0.046 min
Response: 4261353
Conc: 57.12 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.509 min
Delta R.T.: 0.045 min
Response: 4438091
Conc: 60.26 ug/ml