

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073022\
 Data File : FE036771.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jul 2022 11:28
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2022
 Supervised By :Ankita Jodhani 08/01/2022

Integration File: autoint1.e
 Quant Time: Jul 29 12:04:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE072822.M
 Quant Title :
 QLast Update : Thu Jul 28 04:33:35 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...	14.934	6033669	49.420 ug/ml
Target Compounds			
1) N-OCTANE	1.951	6747497	49.841 ug/ml
2) N-DECANE	4.483	6916785	52.137 ug/ml
3) N-DODECANE	6.654	7051067	51.897 ug/ml
4) N-TETRADECANE	8.480	7088959	51.520 ug/ml
5) N-HEXADECANE	10.086	7095194	51.158 ug/ml
6) N-OCTADECANE	11.528	7185190	50.989 ug/ml
7) N-EICOSANE	12.837	7120990	50.217 ug/ml
8) N-DOCOSANE	14.034	6920946	49.731 ug/ml
10) N-TETRACOSANE	15.138	6924954	49.451 ug/ml
11) N-HEXACOSANE	16.159	6741340	49.669 ug/ml
12) N-OCTACOSANE	17.108	6689531	50.516 ug/ml
13) N-TRIACONTANE	17.996	6811853	52.492 ug/ml
14) N-DOTRIACONTANE	18.830	6421468	50.603 ug/mlm
15) N-TETRATRIACONTANE	19.613	6255611	50.757 ug/mlm
16) N-HEXATRIACONTANE	20.353	5897443	51.844 ug/mlm
17) N-OCTATRIACONTANE	21.078	5694179	50.323 ug/mlm
18) N-TETRACONTANE	21.961	5736337	46.025 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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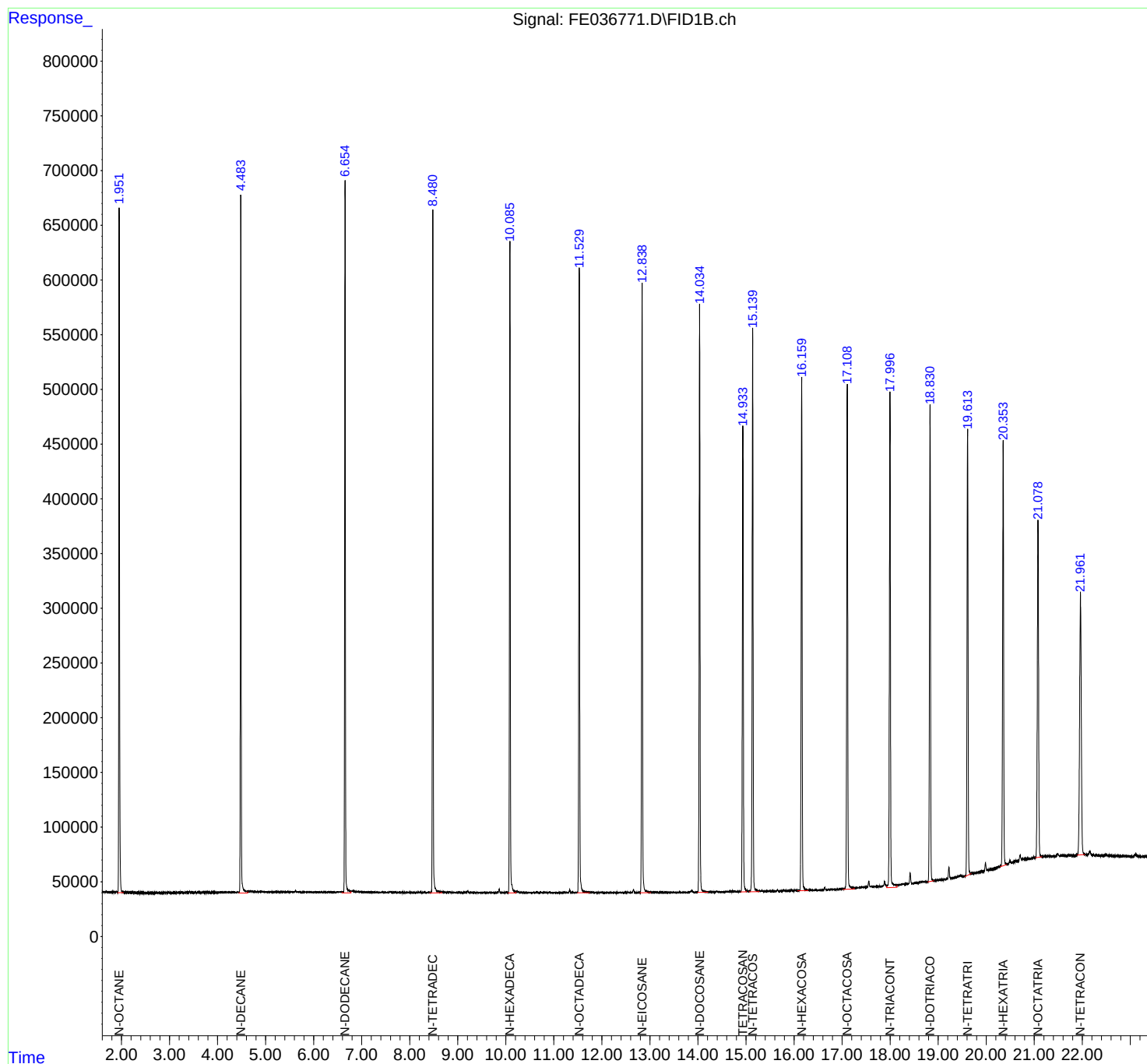
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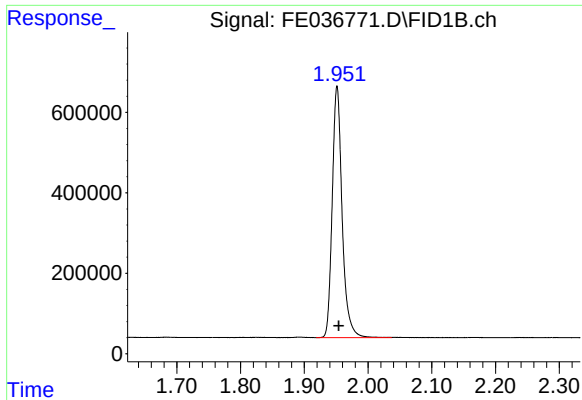
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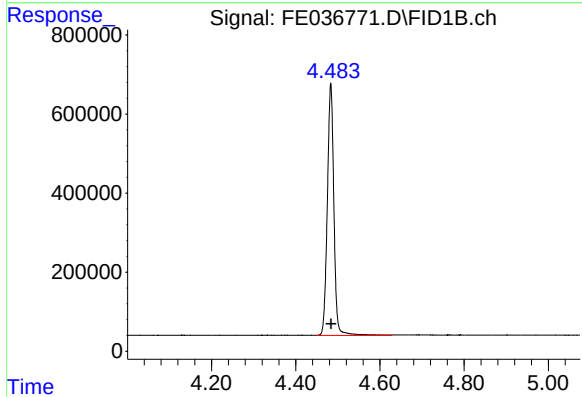
#1 N-OCTANE

R.T.: 1.951 min
Delta R.T.: -0.003 min
Response: 6747497
Conc: 49.84 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

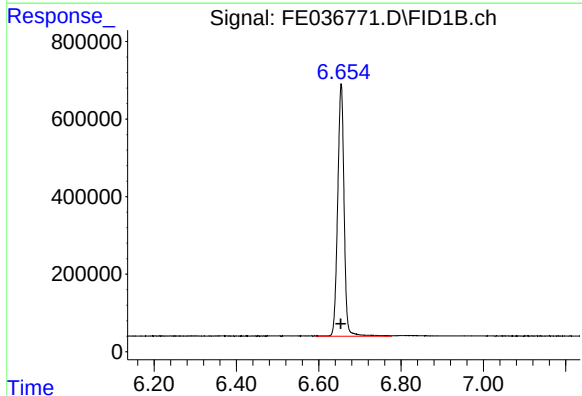
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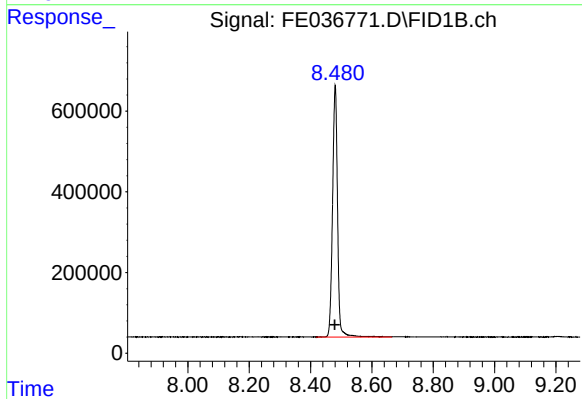
#2 N-DECANE

R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 6916785
Conc: 52.14 ug/ml



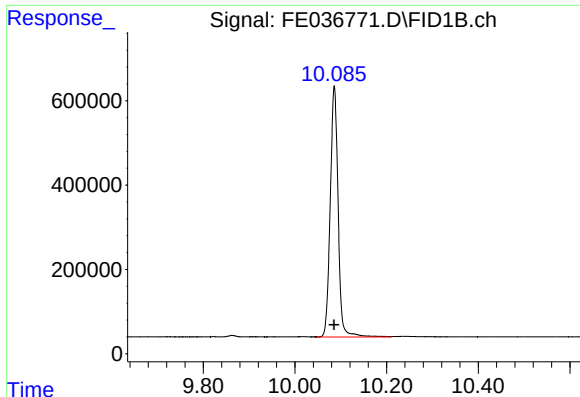
#3 N-DODECANE

R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 7051067
Conc: 51.90 ug/ml



#4 N-TETRADECANE

R.T.: 8.480 min
Delta R.T.: 0.001 min
Response: 7088959
Conc: 51.52 ug/ml



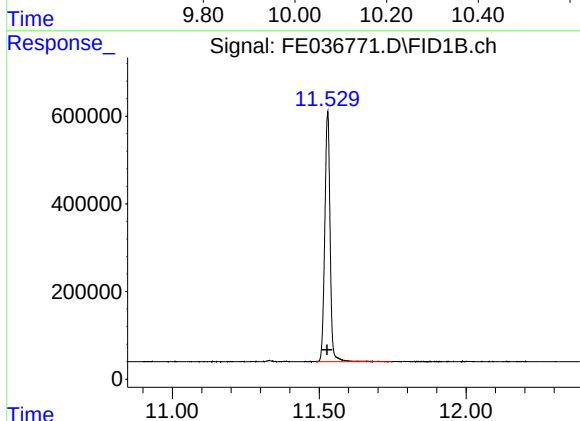
#5 N-HEXADECANE

R.T.: 10.086 min
Delta R.T.: 0.000 min
Response: 7095194
Conc: 51.16 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

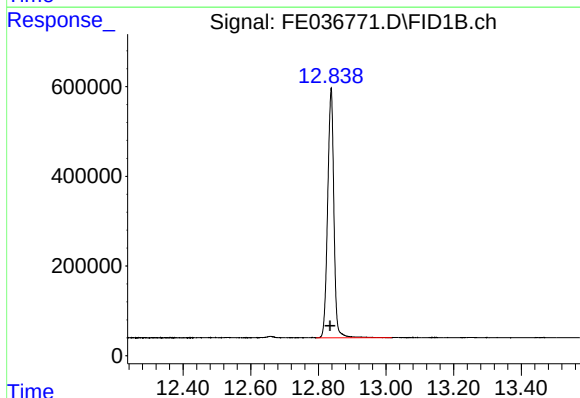
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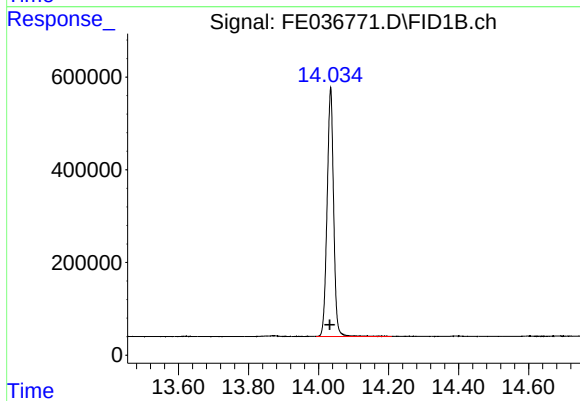
#6 N-OCTADECANE

R.T.: 11.528 min
Delta R.T.: 0.002 min
Response: 7185190
Conc: 50.99 ug/ml



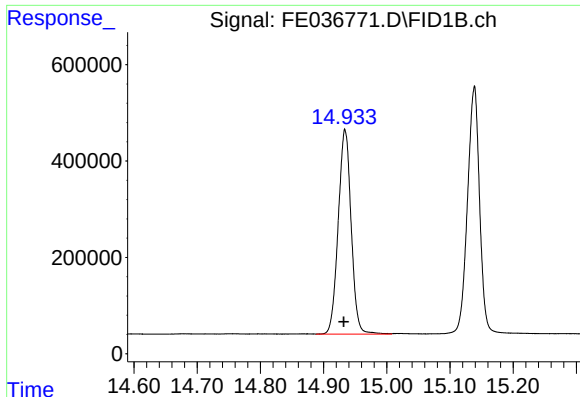
#7 N-EICOSANE

R.T.: 12.837 min
Delta R.T.: 0.003 min
Response: 7120990
Conc: 50.22 ug/ml



#8 N-DOCOSANE

R.T.: 14.034 min
Delta R.T.: 0.002 min
Response: 6920946
Conc: 49.73 ug/ml



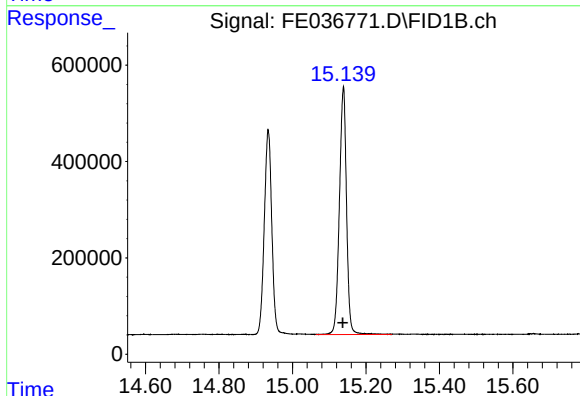
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.934 min
Delta R.T.: 0.002 min
Response: 6033669
Conc: 49.42 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

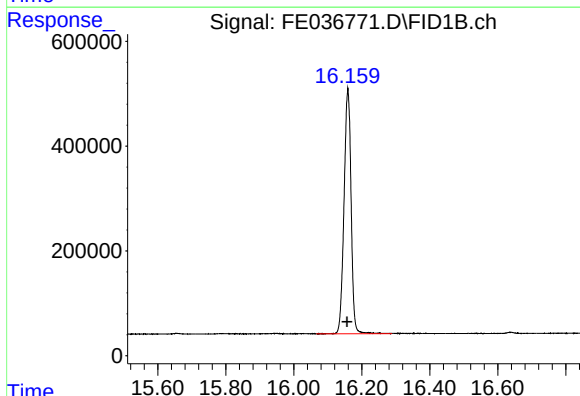
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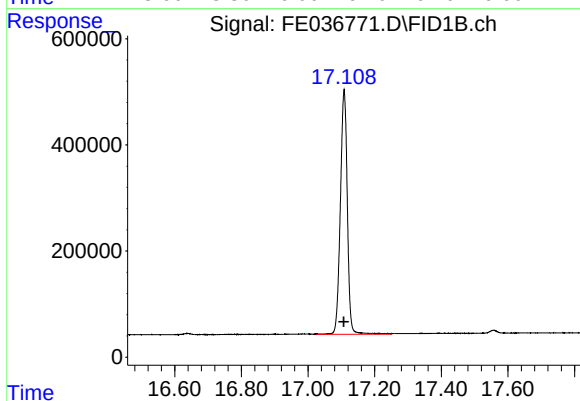
#10 N-TETRACOSANE

R.T.: 15.138 min
Delta R.T.: 0.002 min
Response: 6924954
Conc: 49.45 ug/ml



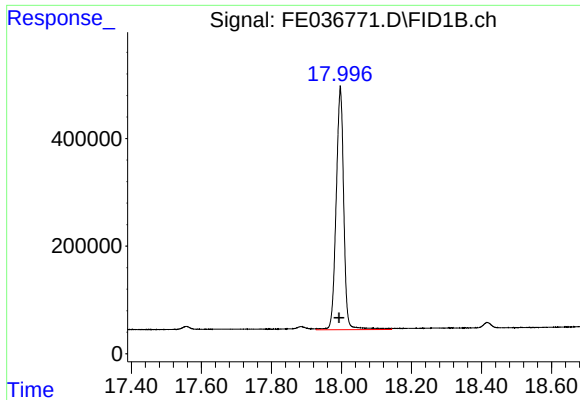
#11 N-HEXACOSANE

R.T.: 16.159 min
Delta R.T.: 0.002 min
Response: 6741340
Conc: 49.67 ug/ml



#12 N-OCTACOSANE

R.T.: 17.108 min
Delta R.T.: 0.001 min
Response: 6689531
Conc: 50.52 ug/ml



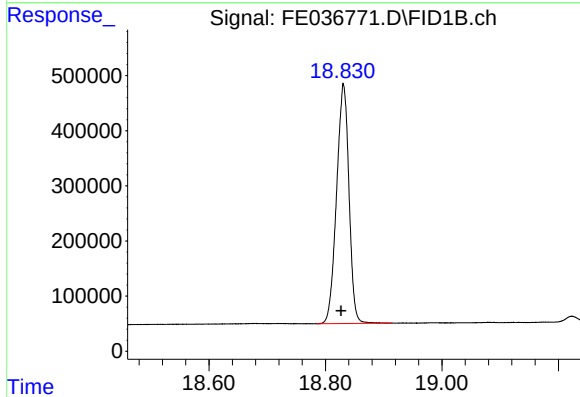
#13 N-TRIACONTANE

R.T.: 17.996 min
Delta R.T.: 0.003 min
Response: 6811853
Conc: 52.49 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

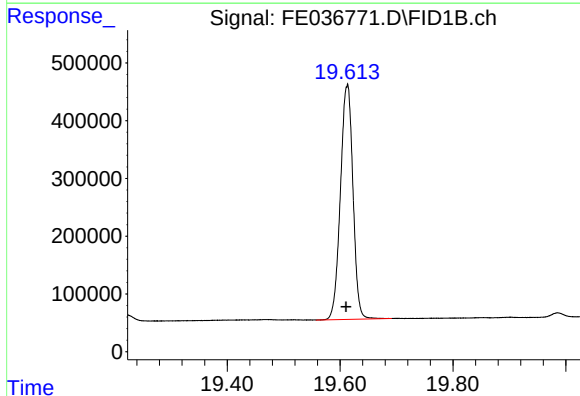
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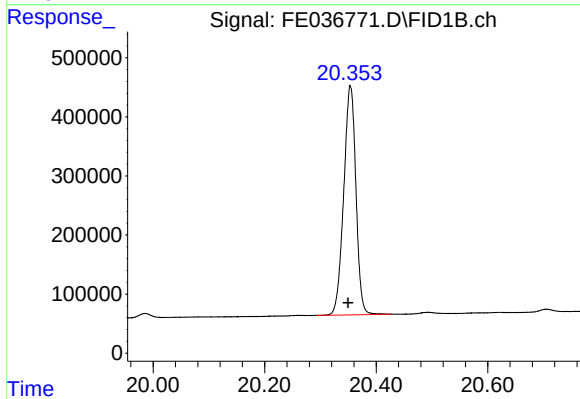
#14 N-DOTRIACONTANE

R.T.: 18.830 min
Delta R.T.: 0.003 min
Response: 6421468
Conc: 50.60 ug/ml m



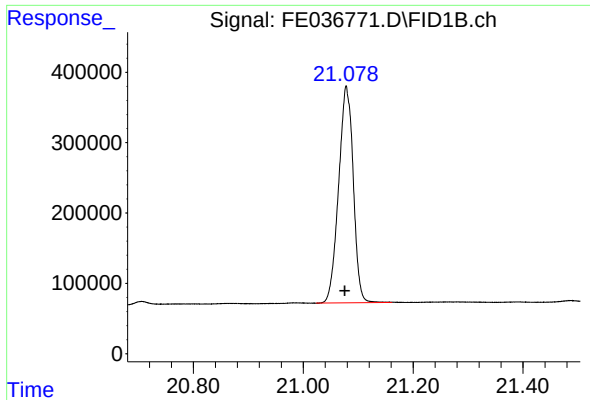
#15 N-TETRATRIACONTANE

R.T.: 19.613 min
Delta R.T.: 0.003 min
Response: 6255611
Conc: 50.76 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.353 min
Delta R.T.: 0.003 min
Response: 5897443
Conc: 51.84 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.078 min
Delta R.T.: 0.003 min
Response: 5694179
Conc: 50.32 ug/ml

Instrument :

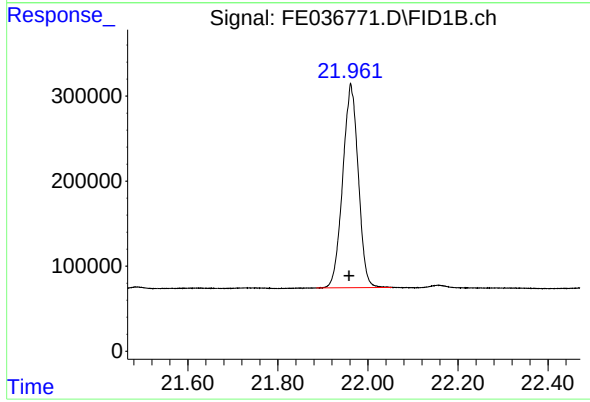
FID_E

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#18 N-TETRACONTANE

R.T.: 21.961 min
Delta R.T.: 0.003 min
Response: 5736337
Conc: 46.03 ug/ml m