

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090425\
 Data File : FG016546.D
 Signal(s) : FID1A.ch
 Acq On : 04 Sep 2025 14:46
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/05/2025
 Supervised By :mohammad ahmed 09/08/2025

Integration File: Sample.e
 Quant Time: Sep 05 03:46:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Thu Sep 04 10:24:25 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...	15.183	4546058	47.716 ug/ml
Target Compounds			
1) N-OCTANE	2.104	4846312	45.669 ug/ml
2) N-DECANE	4.651	5109337	47.280 ug/ml
3) N-DODECANE	6.834	5193604	47.789 ug/ml
4) N-TETRADECANE	8.676	5252447	48.038 ug/ml
5) N-HEXADECANE	10.295	5235118	48.162 ug/ml
6) N-OCTADECANE	11.749	5328505	48.171 ug/ml
7) N-EICOSANE	13.069	5434403	48.081 ug/ml
8) N-DOCOSANE	14.277	5252949	47.815 ug/ml
10) N-TETRACOSANE	15.389	5213020	47.576 ug/ml
11) N-HEXACOSANE	16.417	5029372	47.026 ug/ml
12) N-OCTACOSANE	17.373	5106454	47.399 ug/ml
13) N-TRIACONTANE	18.268	5025986	46.127 ug/ml
14) N-DOTRIACONTANE	19.106	4999363	47.463 ug/ml
15) N-TETRATRIACONTANE	19.896	4408221	46.263 ug/ml
16) N-HEXATRIACONTANE	20.638	3622873	48.486 ug/mlm
17) N-OCTATRIACONTANE	21.424	3028338	50.508 ug/mlm
18) N-TETRACONTANE	22.424	2765538	65.796 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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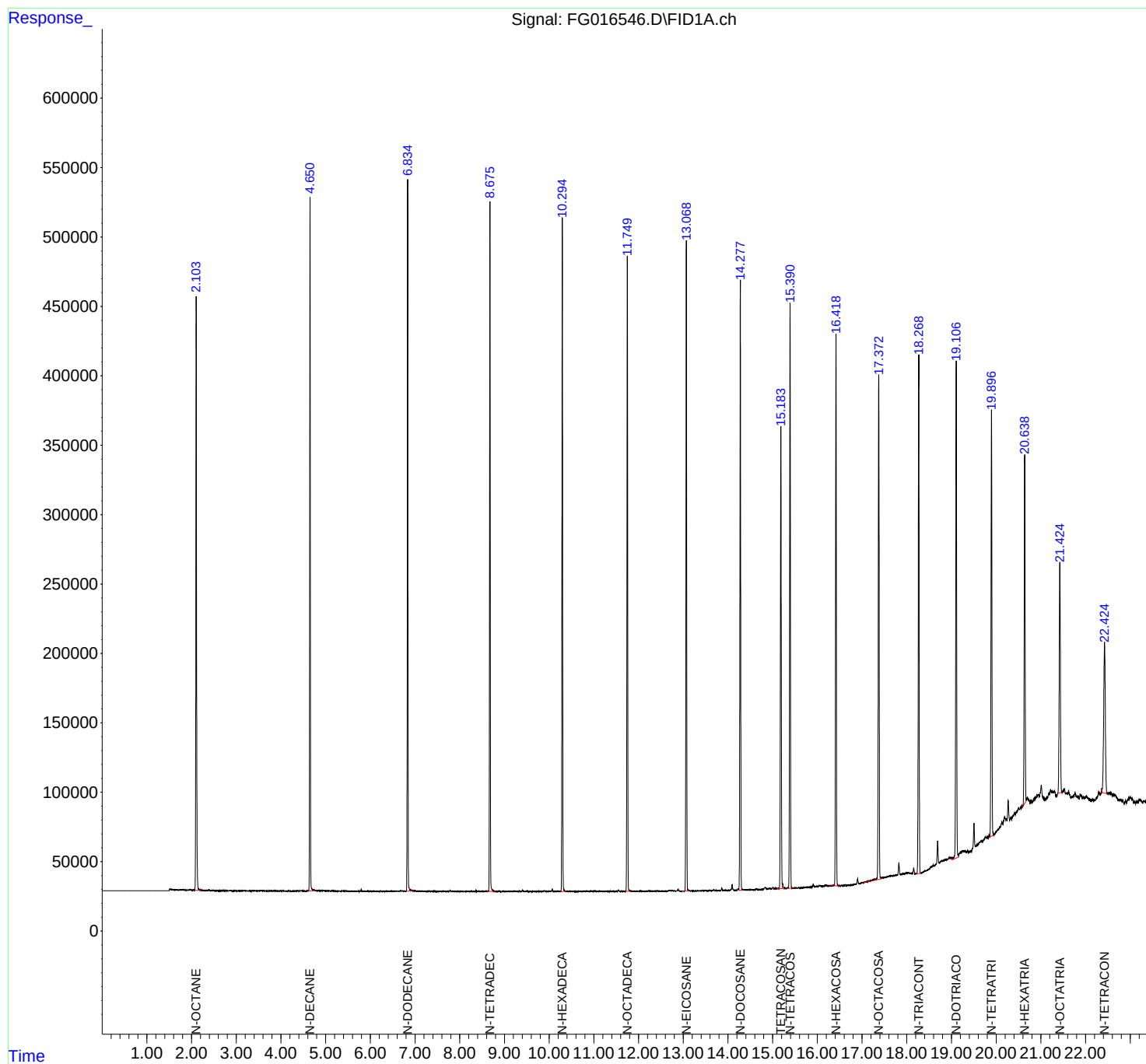
Instrument :
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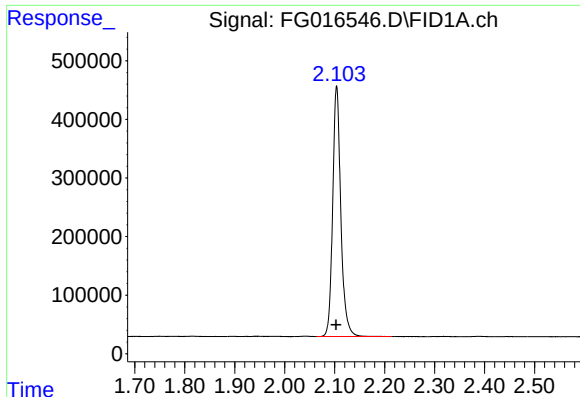
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QLast Update : Thu Sep 04 10:24:25 2025
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Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.104 min
Delta R.T.: 0.001 min
Response: 4846312
Conc: 45.67 ug/ml

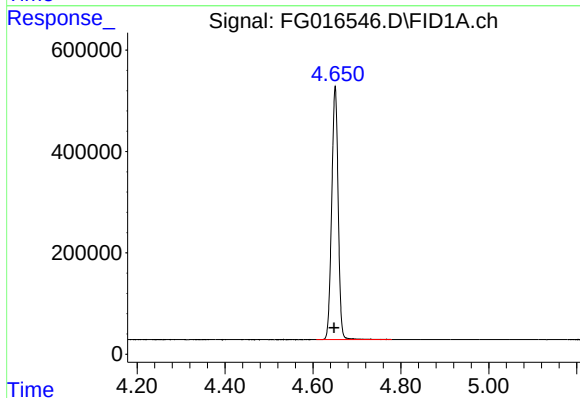
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

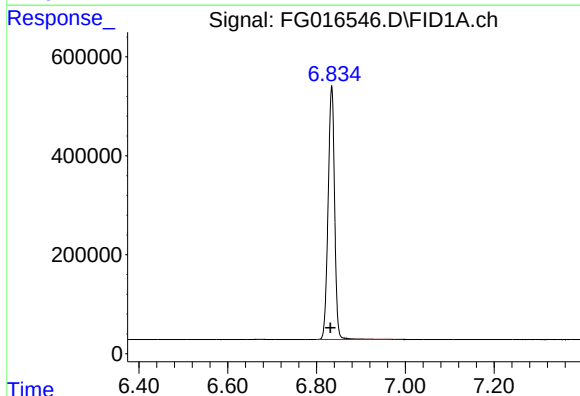
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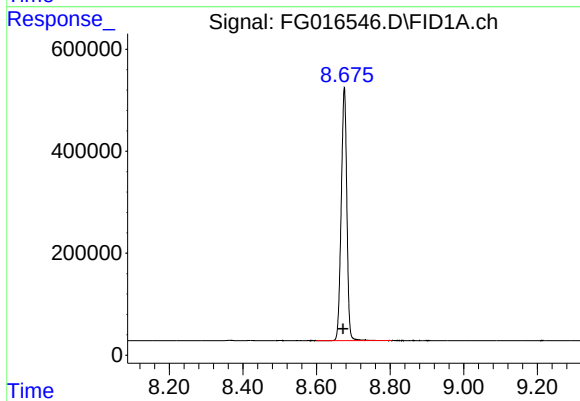
#2 N-DECANE

R.T.: 4.651 min
Delta R.T.: 0.002 min
Response: 5109337
Conc: 47.28 ug/ml



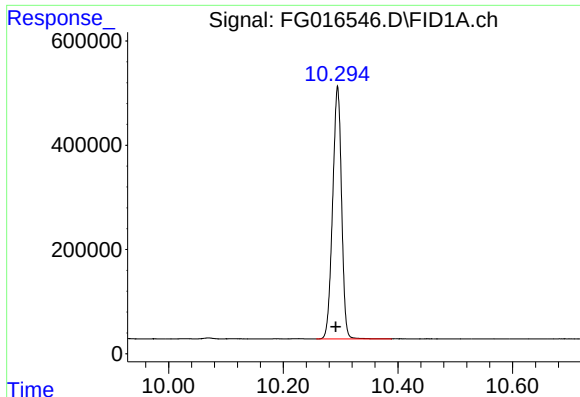
#3 N-DODECANE

R.T.: 6.834 min
Delta R.T.: 0.003 min
Response: 5193604
Conc: 47.79 ug/ml



#4 N-TETRADECANE

R.T.: 8.676 min
Delta R.T.: 0.004 min
Response: 5252447
Conc: 48.04 ug/ml



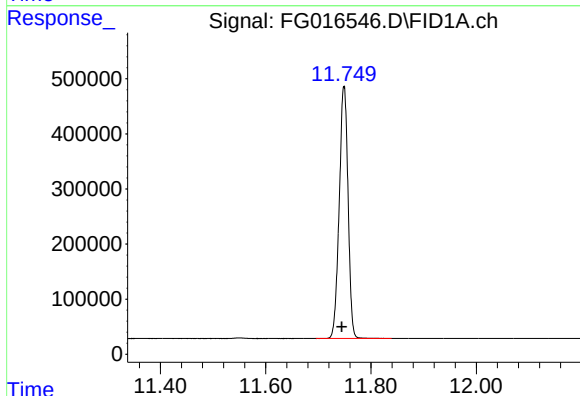
#5 N-HEXADECANE

R.T.: 10.295 min
Delta R.T.: 0.003 min
Response: 5235118
Conc: 48.16 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

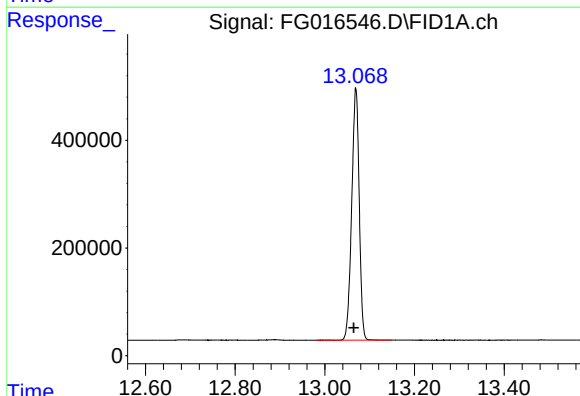
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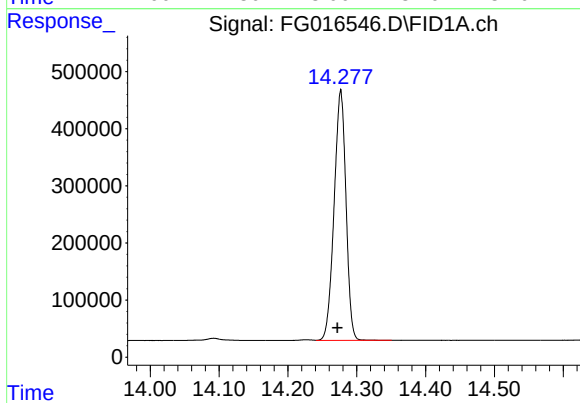
#6 N-OCTADECANE

R.T.: 11.749 min
Delta R.T.: 0.004 min
Response: 5328505
Conc: 48.17 ug/ml



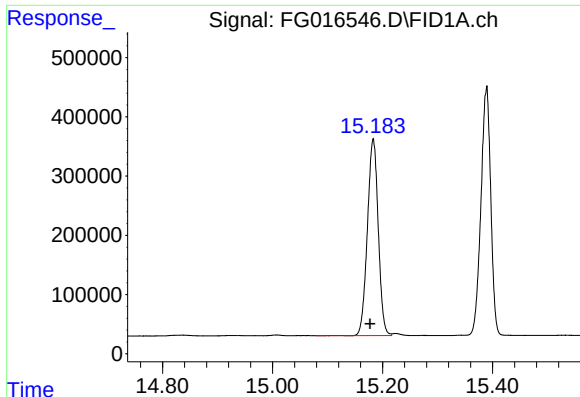
#7 N-EICOSANE

R.T.: 13.069 min
Delta R.T.: 0.005 min
Response: 5434403
Conc: 48.08 ug/ml



#8 N-DOCOSANE

R.T.: 14.277 min
Delta R.T.: 0.005 min
Response: 5252949
Conc: 47.82 ug/ml



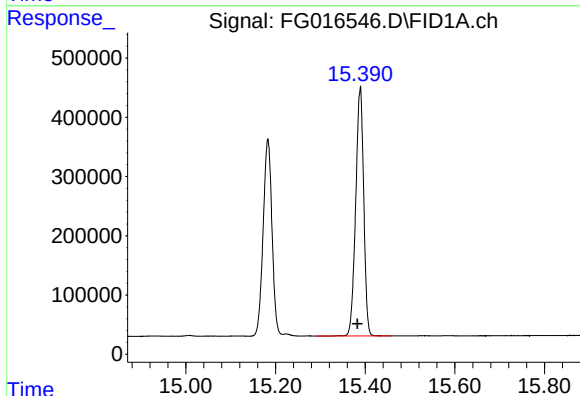
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.183 min
Delta R.T.: 0.005 min
Response: 4546058
Conc: 47.72 ug/ml

Instrument :
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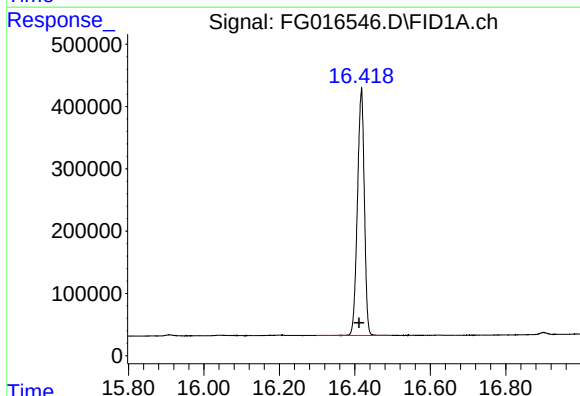
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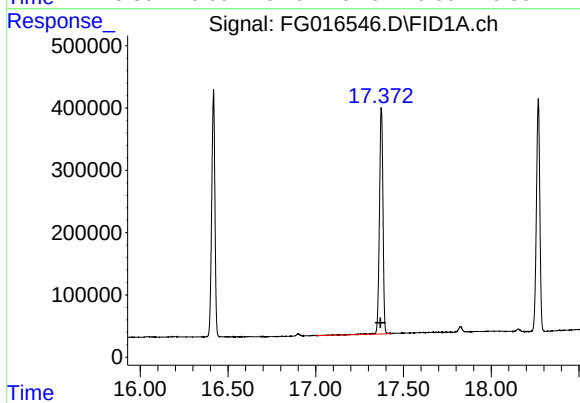
#10 N-TETRACOSANE

R.T.: 15.389 min
Delta R.T.: 0.006 min
Response: 5213020
Conc: 47.58 ug/ml



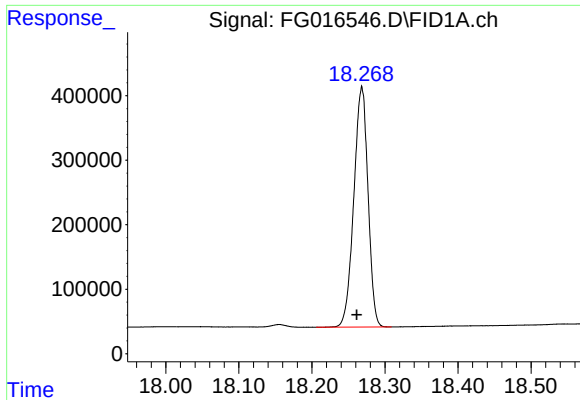
#11 N-HEXACOSANE

R.T.: 16.417 min
Delta R.T.: 0.006 min
Response: 5029372
Conc: 47.03 ug/ml



#12 N-OCTACOSANE

R.T.: 17.373 min
Delta R.T.: 0.006 min
Response: 5106454
Conc: 47.40 ug/ml



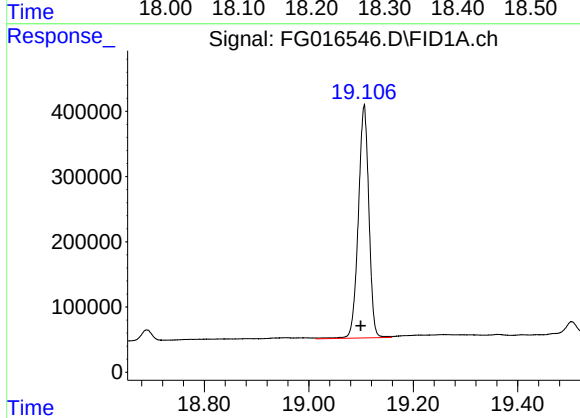
#13 N-TRIACONTANE

R.T.: 18.268 min
Delta R.T.: 0.007 min
Response: 5025986
Conc: 46.13 ug/ml

Instrument :
FID_G
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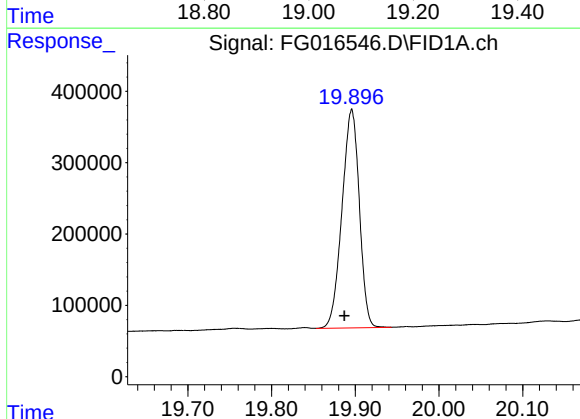
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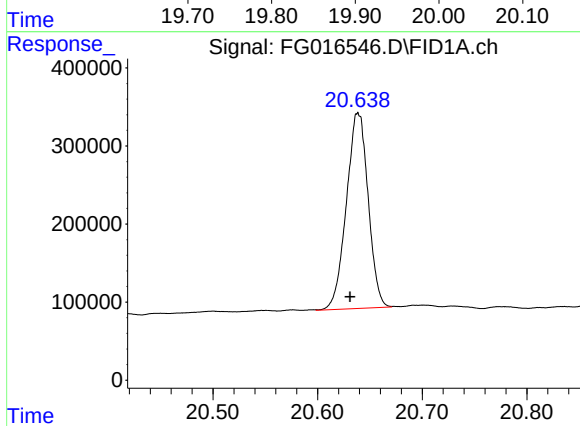
#14 N-DOTRIACONTANE

R.T.: 19.106 min
Delta R.T.: 0.007 min
Response: 4999363
Conc: 47.46 ug/ml



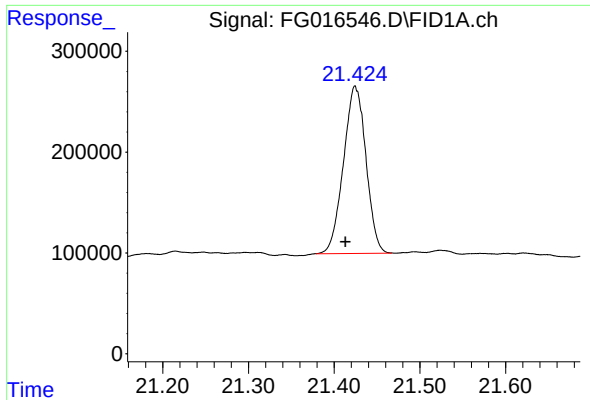
#15 N-TETRATRIACONTANE

R.T.: 19.896 min
Delta R.T.: 0.009 min
Response: 4408221
Conc: 46.26 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.638 min
Delta R.T.: 0.007 min
Response: 3622873
Conc: 48.49 ug/ml m



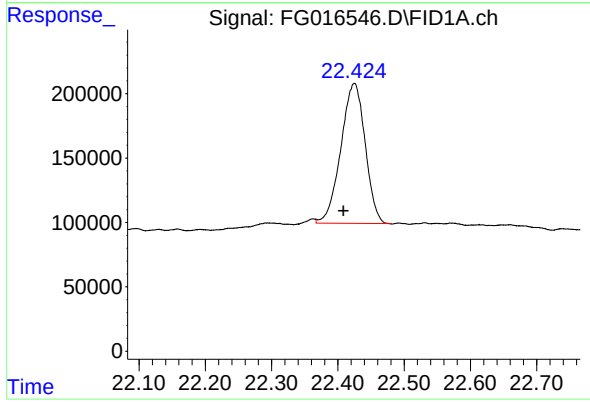
#17 N-OCTATRIACONTANE

R.T.: 21.424 min
Delta R.T.: 0.011 min
Response: 3028338
Conc: 50.51 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.424 min
Delta R.T.: 0.016 min
Response: 2765538
Conc: 65.80 ug/ml m