

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032822\
 Data File : FG009446.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2022 10:59
 Operator : AJ\MA
 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 03/29/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 29 02:32:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032522.M
 Quant Title :
 QLast Update : Sat Mar 26 00:33:44 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...	14.634	6019991	43.685 ug/mlm
Target Compounds			
1) N-OCTANE	2.232	7253077	50.433 ug/ml
2) N-DECANE	4.331	7573390	51.774 ug/ml
3) N-DODECANE	6.360	7621157	51.104 ug/ml
4) N-TETRADECANE	8.160	7649428	50.101 ug/ml
5) N-HEXADECANE	9.767	7554060	48.761 ug/ml
6) N-OCTADECANE	11.213	7552228	47.328 ug/ml
7) N-EICOSANE	12.528	7150111	45.799 ug/ml
8) N-DOCOSANE	13.731	6906330	44.619 ug/ml
10) N-TETRACOSANE	14.839	6698331	43.434 ug/ml
11) N-HEXACOSANE	15.864	6494698	42.779 ug/ml
12) N-OCTACOSANE	16.817	6333160	42.734 ug/ml
13) N-TRIACONTANE	17.708	6198976	43.469 ug/ml
14) N-DOTRIACONTANE	18.542	5995924	45.091 ug/ml
15) N-TETRATRIACONTANE	19.328	5564771	47.626 ug/mlm
16) N-HEXATRIACONTANE	20.071	4961757	50.314 ug/mlm
17) N-OCTATRIACONTANE	20.810	4546980	52.451 ug/ml
18) N-TETRACONTANE	21.724	4570024	53.766 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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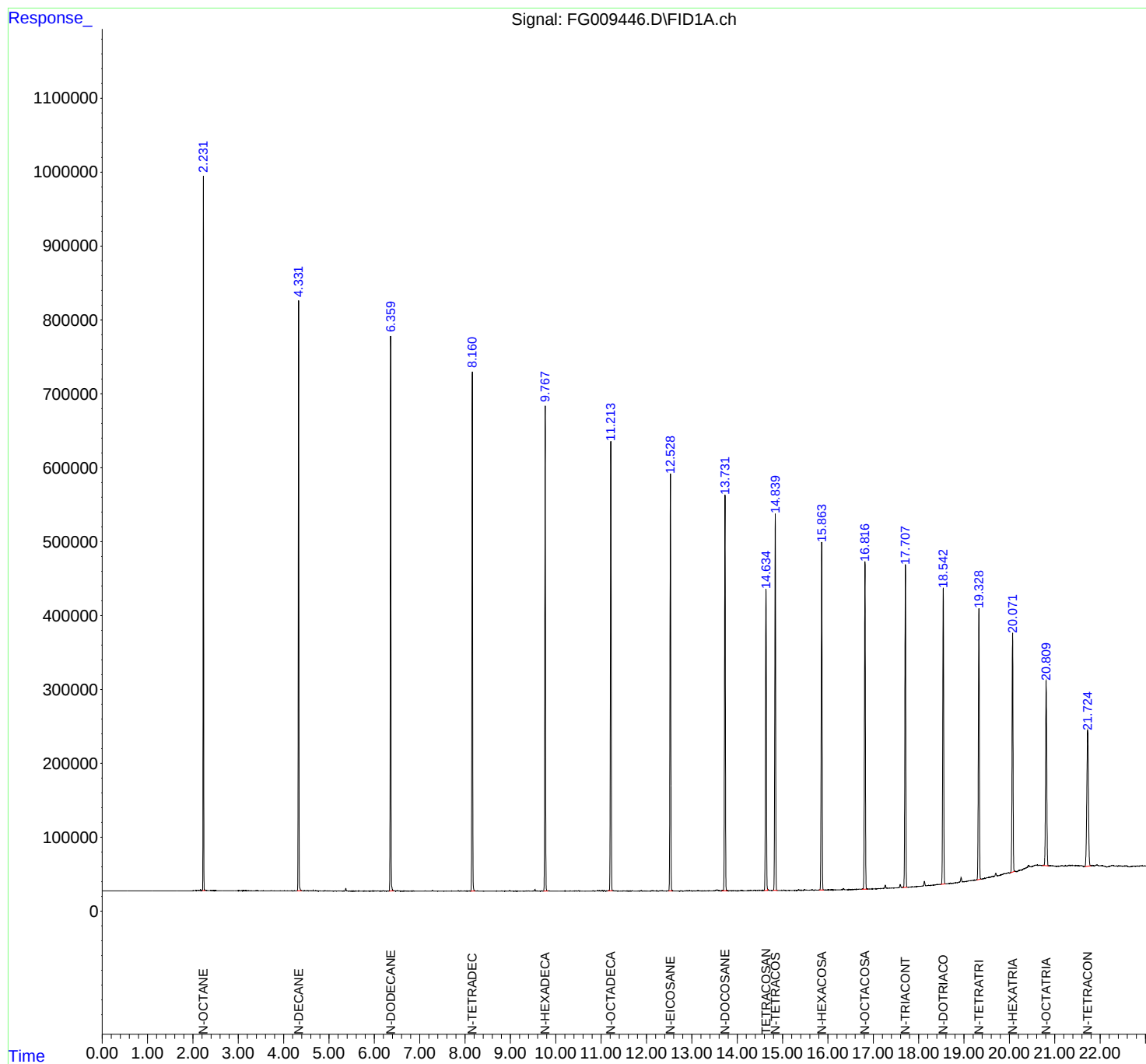
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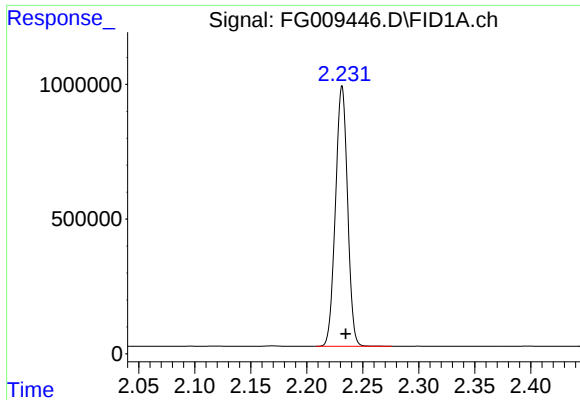
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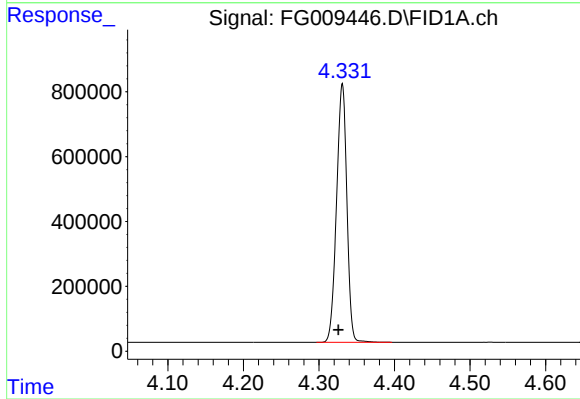
#1 N-OCTANE

R.T.: 2.232 min
Delta R.T.: -0.003 min
Response: 7253077
Conc: 50.43 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

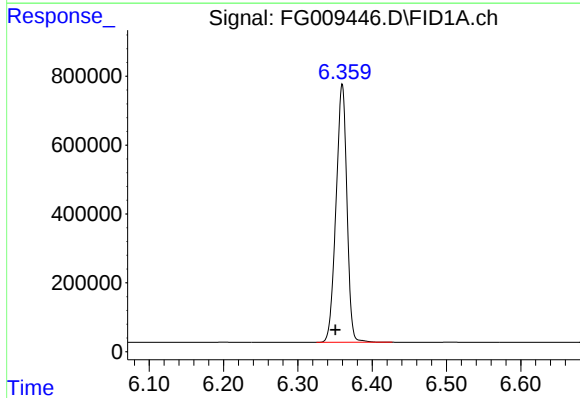
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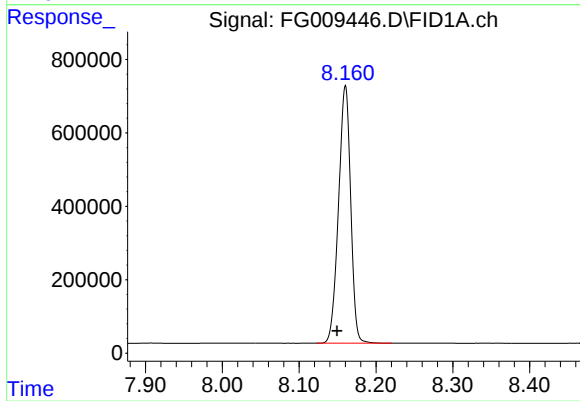
#2 N-DECANE

R.T.: 4.331 min
Delta R.T.: 0.005 min
Response: 7573390
Conc: 51.77 ug/ml



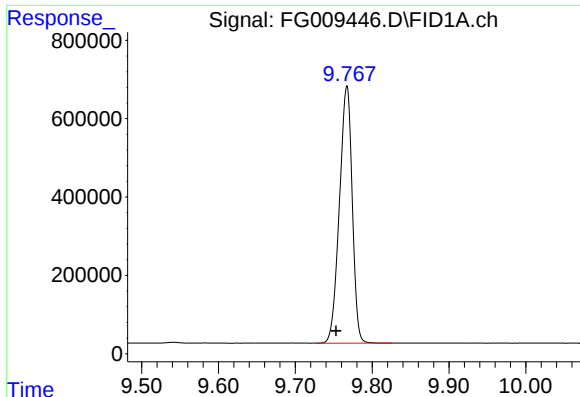
#3 N-DODECANE

R.T.: 6.360 min
Delta R.T.: 0.009 min
Response: 7621157
Conc: 51.10 ug/ml



#4 N-TETRADECANE

R.T.: 8.160 min
Delta R.T.: 0.011 min
Response: 7649428
Conc: 50.10 ug/ml



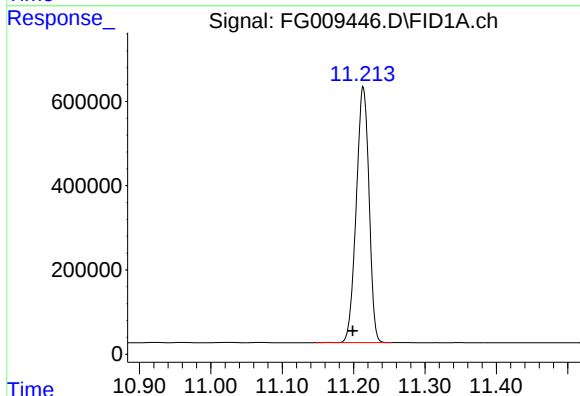
#5 N-HEXADECANE

R.T.: 9.767 min
Delta R.T.: 0.014 min
Response: 7554060
Conc: 48.76 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

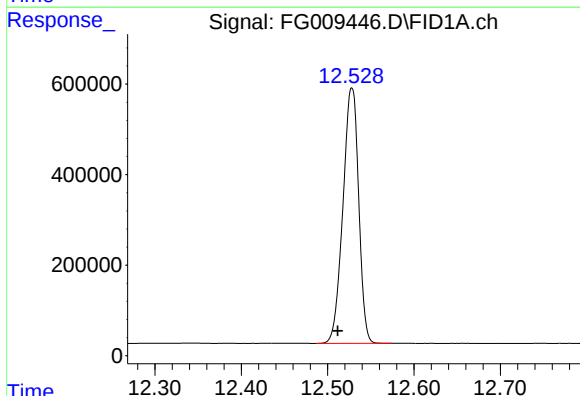
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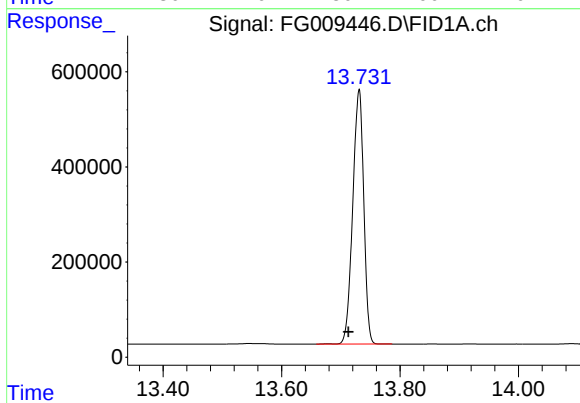
#6 N-OCTADECANE

R.T.: 11.213 min
Delta R.T.: 0.015 min
Response: 7552228
Conc: 47.33 ug/ml



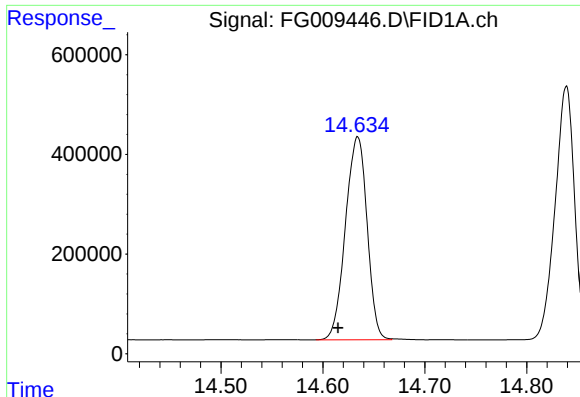
#7 N-EICOSANE

R.T.: 12.528 min
Delta R.T.: 0.016 min
Response: 7150111
Conc: 45.80 ug/ml



#8 N-DOCOSANE

R.T.: 13.731 min
Delta R.T.: 0.018 min
Response: 6906330
Conc: 44.62 ug/ml



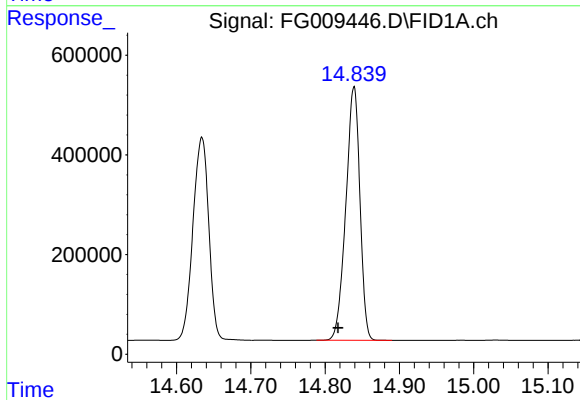
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.634 min
Delta R.T.: 0.019 min
Response: 6019991
Conc: 43.68 ug/ml

Instrument :
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50 PPM TRPH STD

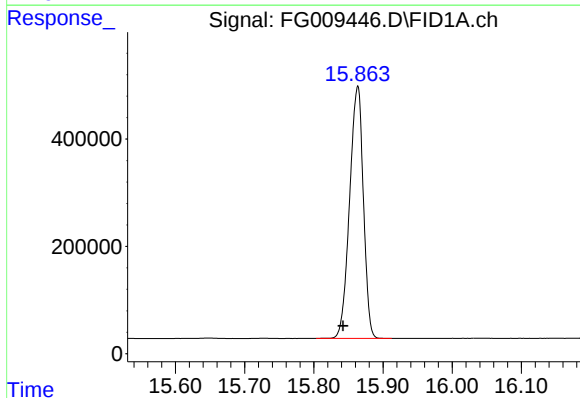
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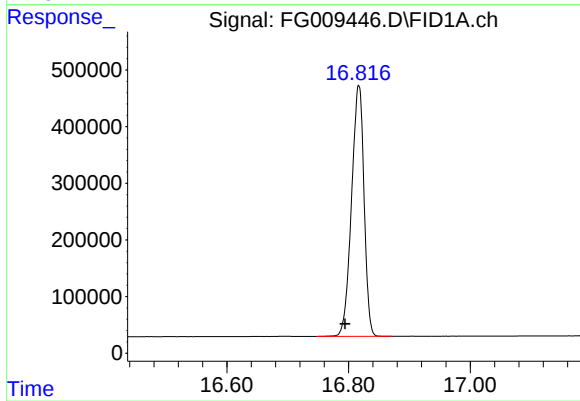
#10 N-TETRACOSANE

R.T.: 14.839 min
Delta R.T.: 0.021 min
Response: 6698331
Conc: 43.43 ug/ml



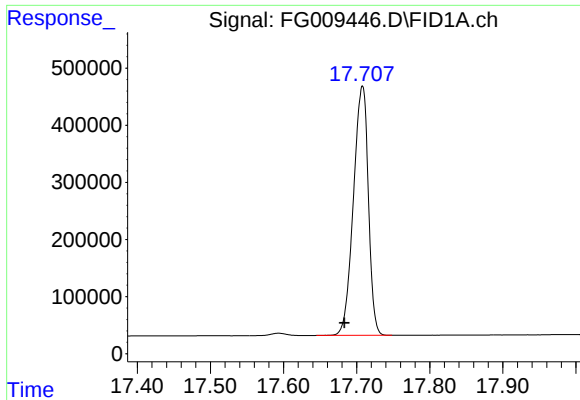
#11 N-HEXACOSANE

R.T.: 15.864 min
Delta R.T.: 0.021 min
Response: 6494698
Conc: 42.78 ug/ml



#12 N-OCTACOSANE

R.T.: 16.817 min
Delta R.T.: 0.022 min
Response: 6333160
Conc: 42.73 ug/ml



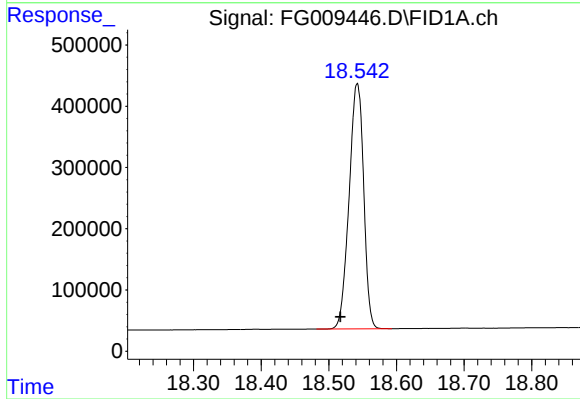
#13 N-TRIACONTANE

R.T.: 17.708 min
Delta R.T.: 0.025 min
Response: 6198976
Conc: 43.47 ug/ml

Instrument :
FID_G
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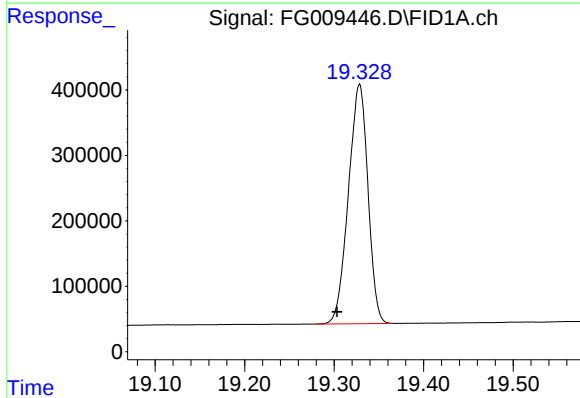
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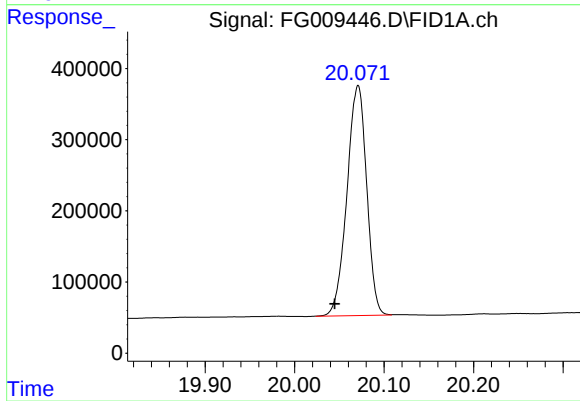
#14 N-DOTRIACONTANE

R.T.: 18.542 min
Delta R.T.: 0.025 min
Response: 5995924
Conc: 45.09 ug/ml



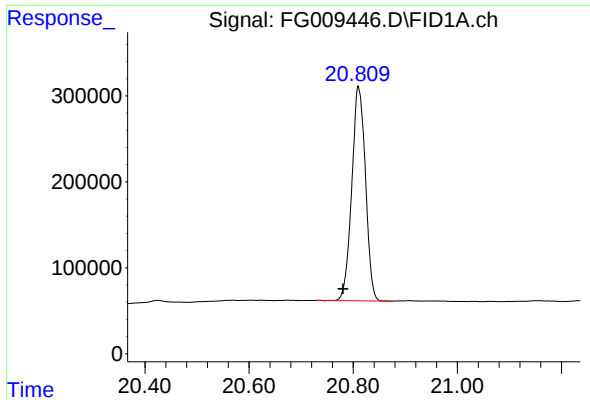
#15 N-TETRATRIACONTANE

R.T.: 19.328 min
Delta R.T.: 0.025 min
Response: 5564771
Conc: 47.63 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.071 min
Delta R.T.: 0.026 min
Response: 4961757
Conc: 50.31 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.810 min
Delta R.T.: 0.029 min
Response: 4546980
Conc: 52.45 ug/ml

Instrument :

FID_G

ClientSampleId :

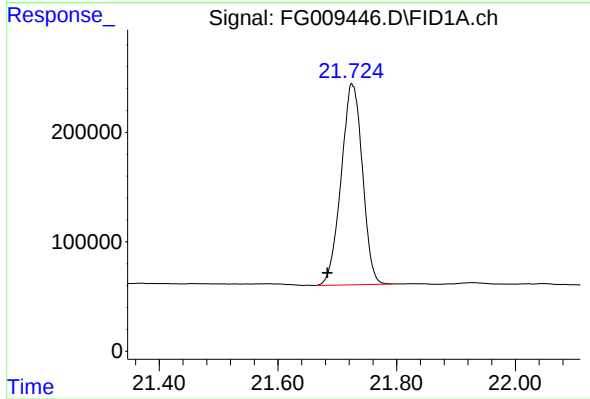
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#18 N-TETRACONTANE

R.T.: 21.724 min
Delta R.T.: 0.040 min
Response: 4570024
Conc: 53.77 ug/ml m