

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042925\
 Data File : FG015774.D
 Signal(s) : FID1A.ch
 Acq On : 29 Apr 2025 19:44
 Operator : YP\AJ
 Sample : PB167783BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB167783BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e
 Quant Time: Apr 30 01:21:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 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...	15.001	2013184	17.099 ug/ml
Target Compounds			
1) N-OCTANE	1.977	1394866	12.377 ug/ml
2) N-DECANE	4.502	1772371	15.919 ug/ml
3) N-DODECANE	6.684	1965183	17.148 ug/ml
4) N-TETRADECANE	8.520	2061508	17.013 ug/ml
5) N-HEXADECANE	10.134	2190067	17.445 ug/ml
6) N-OCTADECANE	11.582	2317222	17.682 ug/ml
7) N-EICOSANE	12.896	2297470	16.946 ug/ml
8) N-DOCOSANE	14.098	2285842	17.235 ug/ml
10) N-TETRACOSANE	15.204	2292947	17.255 ug/ml
11) N-HEXACOSANE	16.229	2256090	17.012 ug/ml
12) N-OCTACOSANE	17.181	2223261	16.864 ug/ml
13) N-TRIACONTANE	18.071	2143837	16.080 ug/ml
14) N-DOTRIACONTANE	18.905	1815943	13.775 ug/mlm
15) N-TETRATRIACONTANE	19.690	1121884	9.277 ug/ml
16) N-HEXATRIACONTANE	20.430	681475	6.356 ug/ml
17) N-OCTATRIACONTANE	21.171	568438	5.901 ug/ml
18) N-TETRACONTANE	22.091	531910	5.973 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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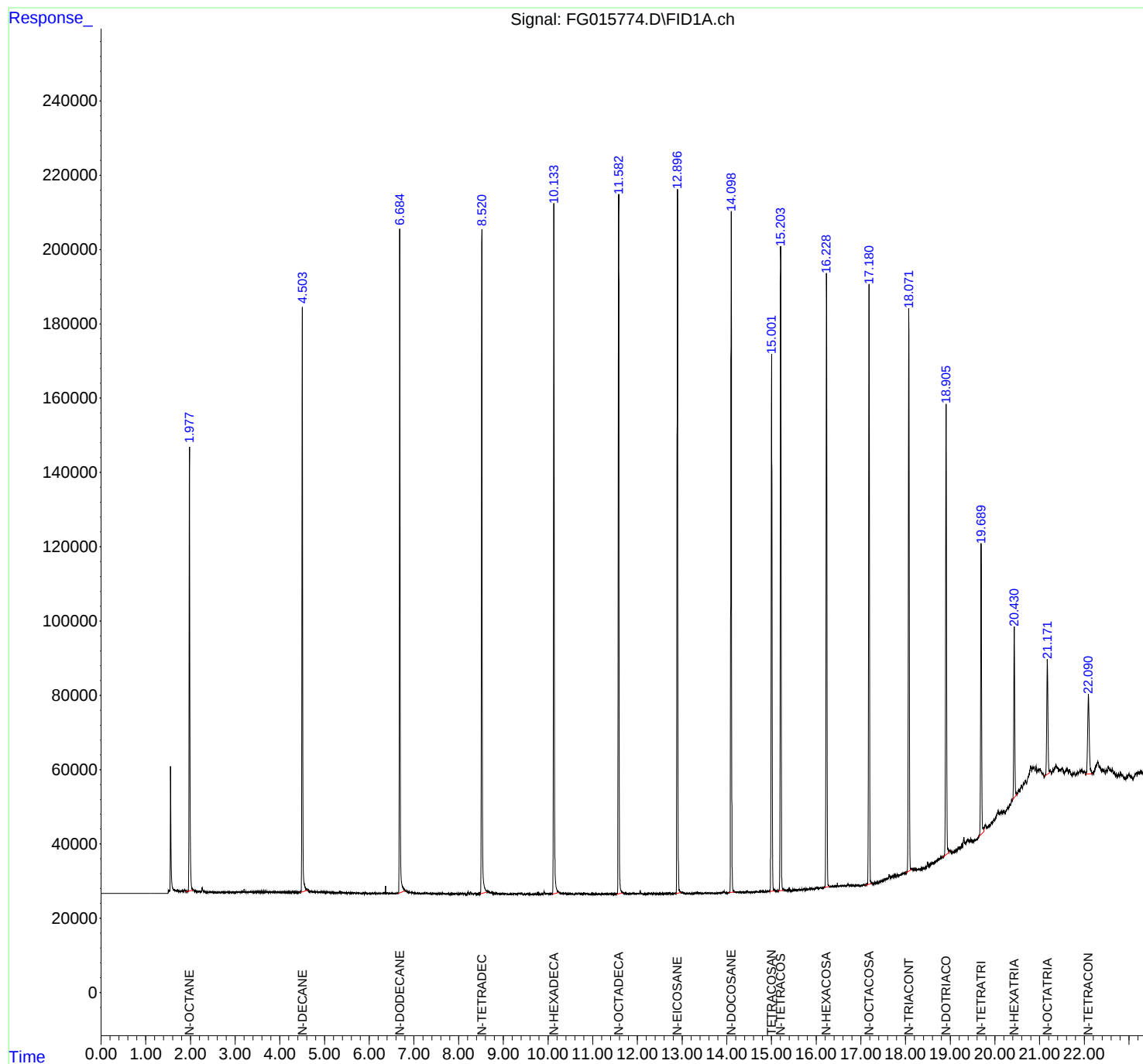
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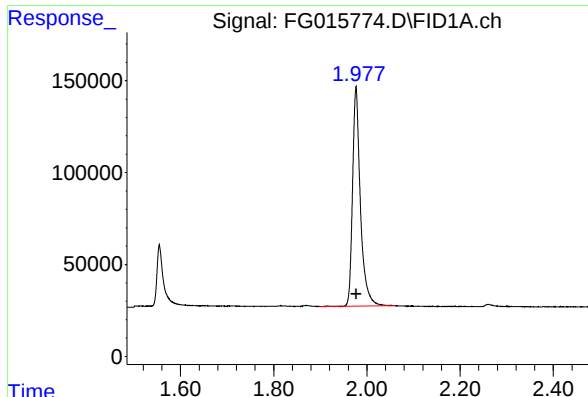
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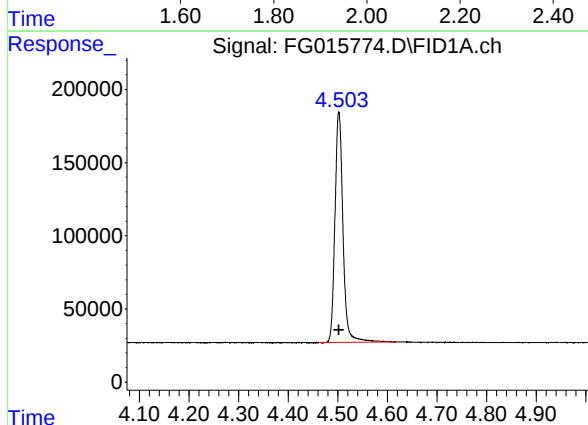
#1 N-OCTANE

R.T.: 1.977 min
Delta R.T.: 0.000 min
Response: 1394866
Conc: 12.38 ug/ml

Instrument :
FID_G
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PB167783BS

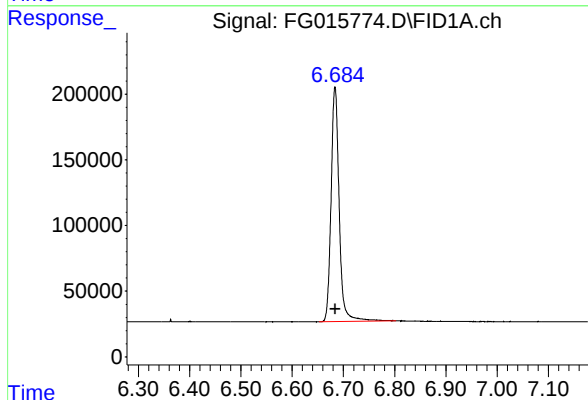
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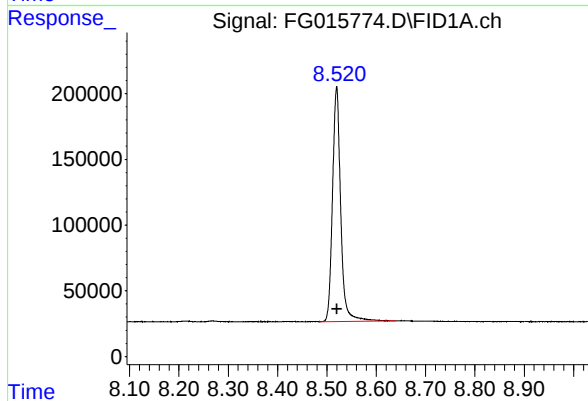
#2 N-DECANE

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 1772371
Conc: 15.92 ug/ml



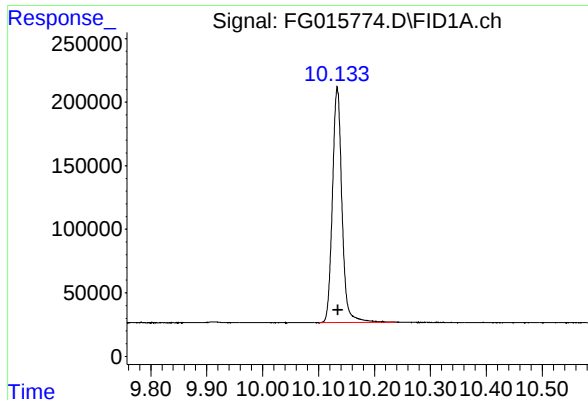
#3 N-DODECANE

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 1965183
Conc: 17.15 ug/ml



#4 N-TETRADECANE

R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 2061508
Conc: 17.01 ug/ml



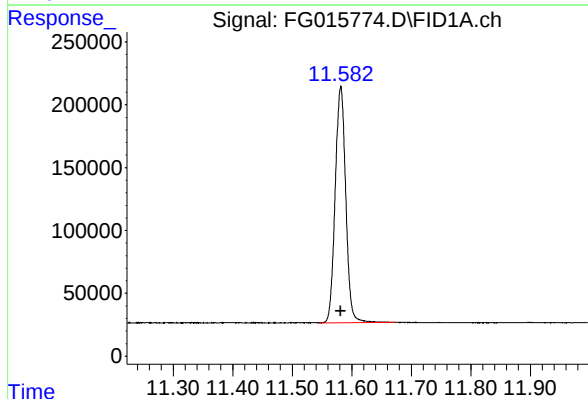
#5 N-HEXADECANE

R.T.: 10.134 min
Delta R.T.: -0.001 min
Response: 2190067
Conc: 17.44 ug/ml

Instrument :
FID_G
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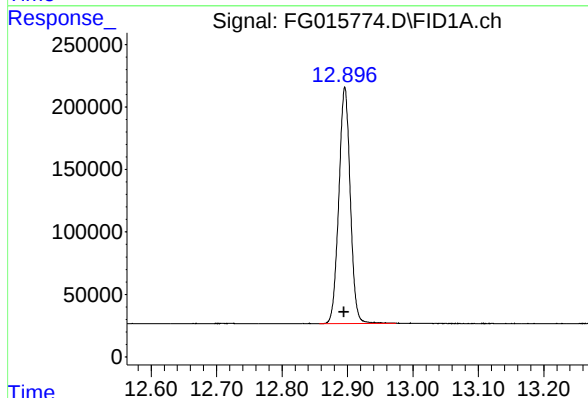
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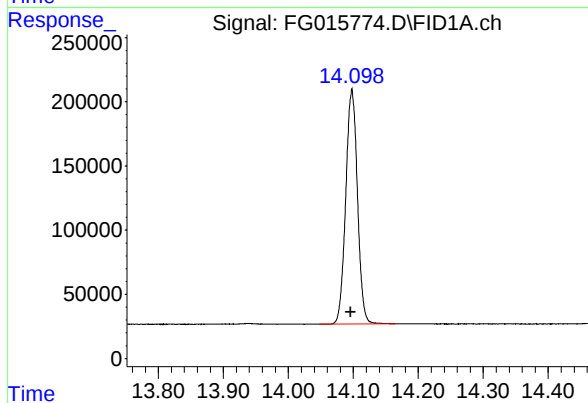
#6 N-OCTADECANE

R.T.: 11.582 min
Delta R.T.: 0.000 min
Response: 2317222
Conc: 17.68 ug/ml



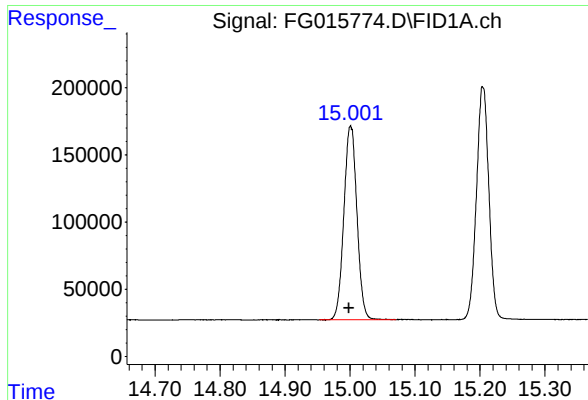
#7 N-EICOSANE

R.T.: 12.896 min
Delta R.T.: 0.001 min
Response: 2297470
Conc: 16.95 ug/ml



#8 N-DOCOSANE

R.T.: 14.098 min
Delta R.T.: 0.002 min
Response: 2285842
Conc: 17.23 ug/ml



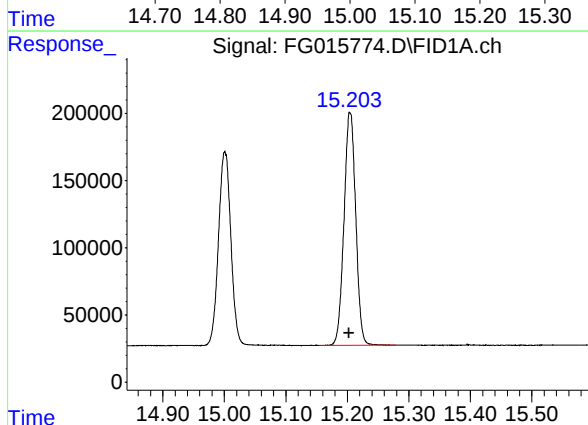
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.001 min
Delta R.T.: 0.003 min
Response: 2013184
Conc: 17.10 ug/ml

Instrument :
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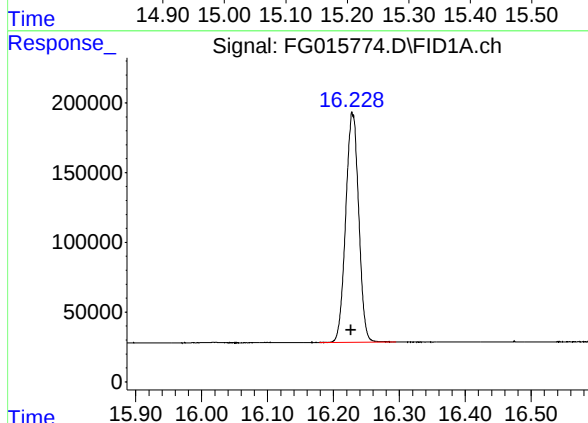
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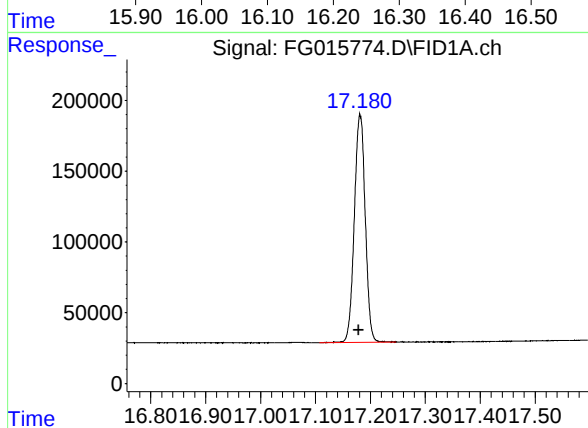
#10 N-TETRACOSANE

R.T.: 15.204 min
Delta R.T.: 0.002 min
Response: 2292947
Conc: 17.25 ug/ml



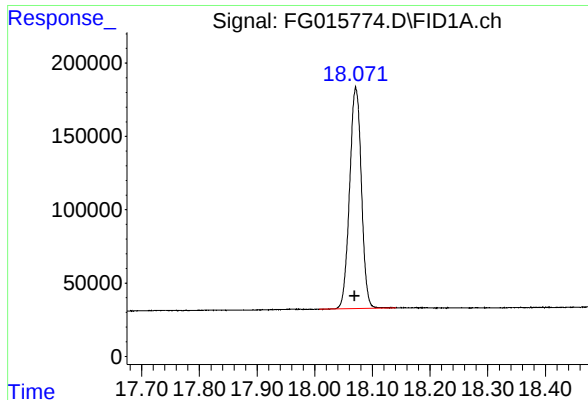
#11 N-HEXACOSANE

R.T.: 16.229 min
Delta R.T.: 0.002 min
Response: 2256090
Conc: 17.01 ug/ml



#12 N-OCTACOSANE

R.T.: 17.181 min
Delta R.T.: 0.003 min
Response: 2223261
Conc: 16.86 ug/ml



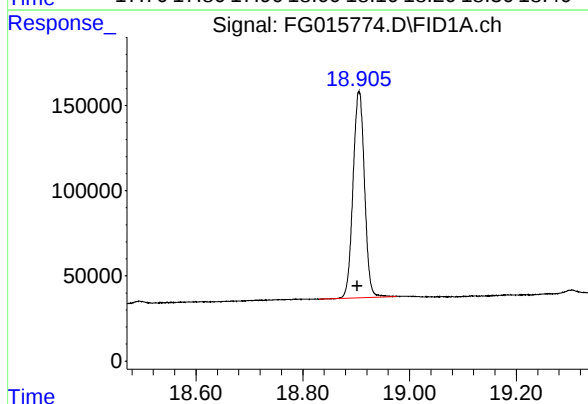
#13 N-TRIACONTANE

R.T.: 18.071 min
Delta R.T.: 0.002 min
Response: 2143837
Conc: 16.08 ug/ml

Instrument :
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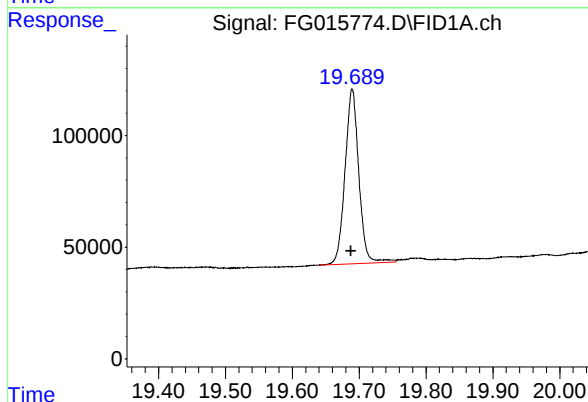
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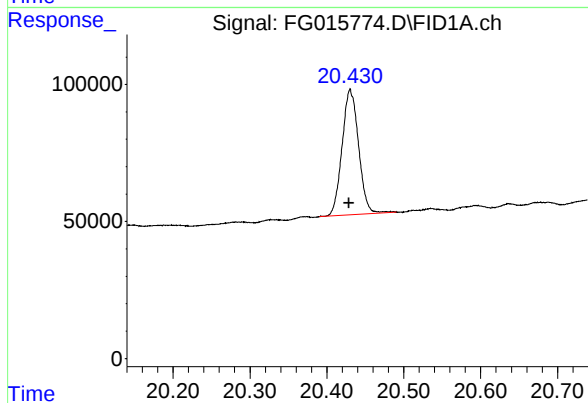
#14 N-DOTRIACONTANE

R.T.: 18.905 min
Delta R.T.: 0.003 min
Response: 1815943
Conc: 13.78 ug/ml m



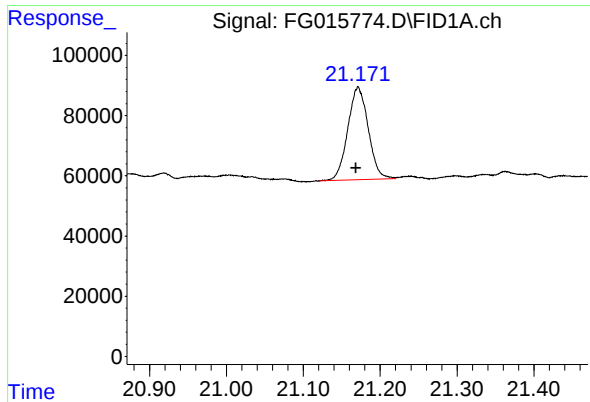
#15 N-TETRATRIACONTANE

R.T.: 19.690 min
Delta R.T.: 0.002 min
Response: 1121884
Conc: 9.28 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.430 min
Delta R.T.: 0.002 min
Response: 681475
Conc: 6.36 ug/ml



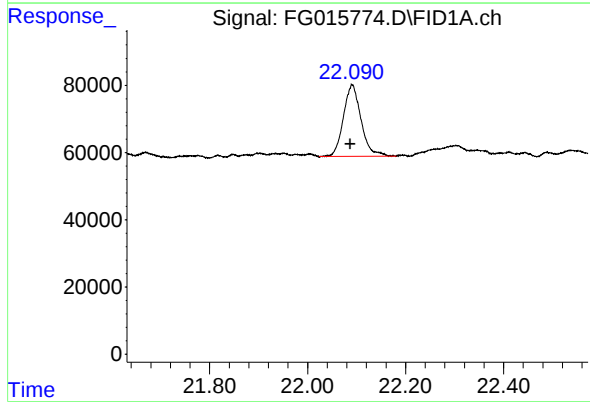
#17 N-OCTATRIACONTANE

R.T.: 21.171 min
Delta R.T.: 0.003 min
Response: 568438
Conc: 5.90 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.091 min
Delta R.T.: 0.003 min
Response: 531910
Conc: 5.97 ug/ml