

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG033022\
 Data File : FG009474.D
 Signal(s) : FID1A.ch
 Acq On : 30 Mar 2022 12:04
 Operator : AJ\MA
 Sample : N1645-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-WATER-06-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e
 Quant Time: Mar 31 02:00:03 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...	14.628	2224836	16.145 ug/mlm
Target Compounds			
1) N-OCTANE	2.234	139175	0.968 ug/ml
2) N-DECANE	4.329	143964	0.984 ug/ml
3) N-DODECANE	6.355	142409	0.955 ug/ml
4) N-TETRADECANE	8.154	145895	0.956 ug/ml
5) N-HEXADECANE	9.760	148746	0.960 ug/ml
6) N-OCTADECANE	11.207	152045	0.953 ug/ml
7) N-EICOSANE	12.521	150337	0.963 ug/ml
8) N-DOCOSANE	13.724	146706	0.948 ug/ml
10) N-TETRACOSANE	14.831	144077	0.934 ug/ml
11) N-HEXACOSANE	15.855	138531	0.912 ug/ml
12) N-OCTACOSANE	16.810	141673	0.956 ug/ml
13) N-TRIACONTANE	17.700	155808	1.093 ug/ml
14) N-DOTRIACONTANE	18.536	154393	1.161 ug/ml
15) N-TETRATRIACONTANE	19.322	136841	1.171 ug/ml
16) N-HEXATRIACONTANE	20.065	125278	1.270 ug/mlm
17) N-OCTATRIACONTANE	20.804	98621	1.138 ug/ml
18) N-TETRACONTANE	21.719	101788	1.198 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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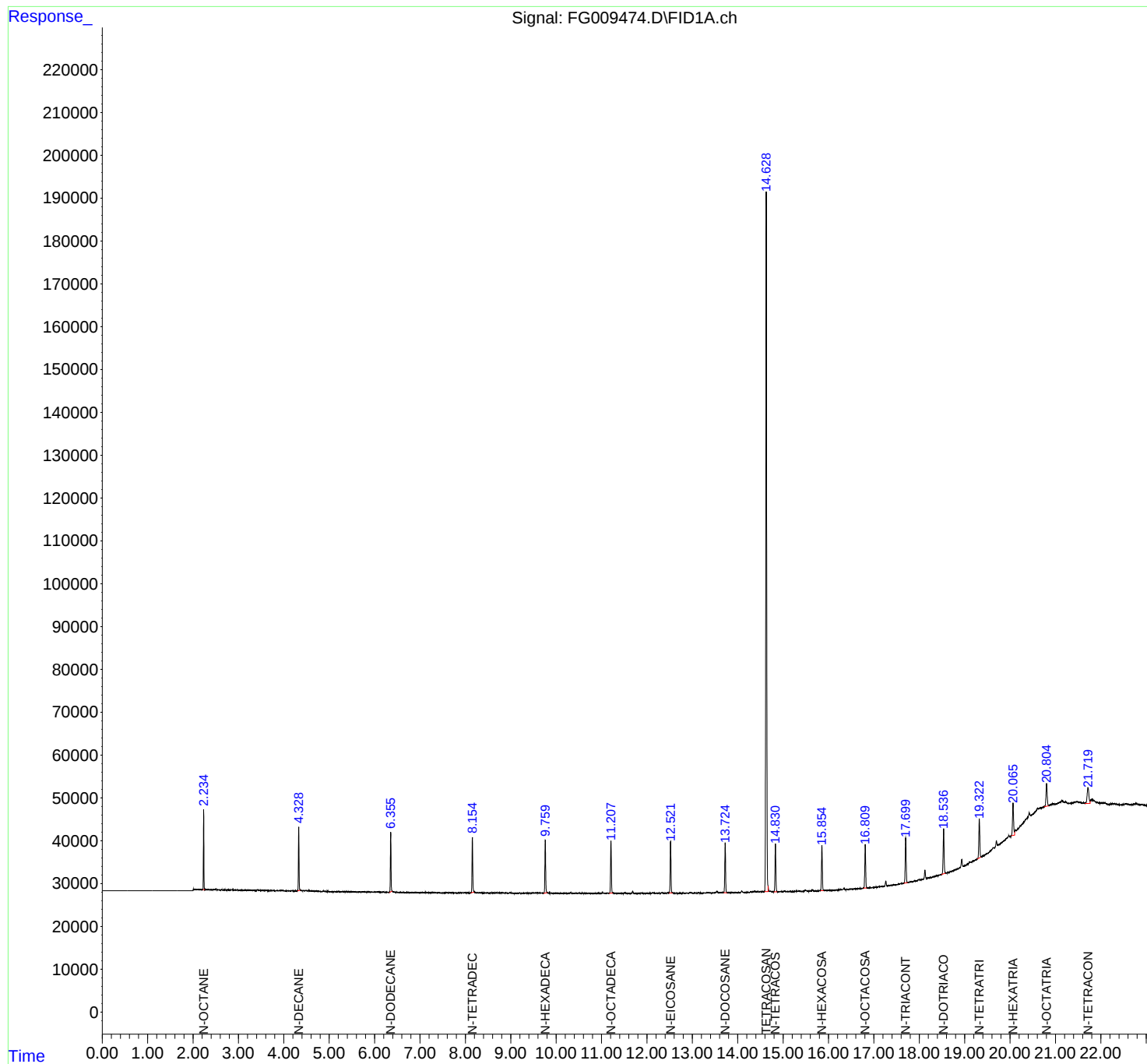
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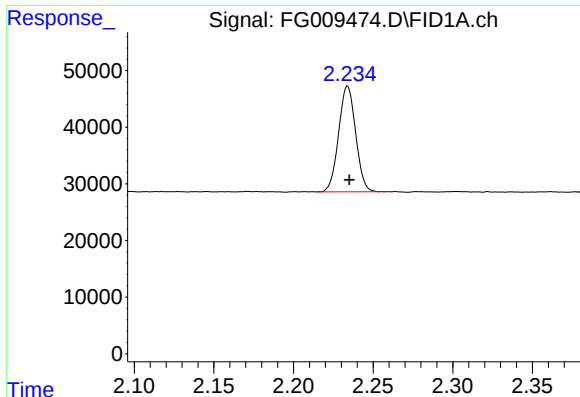
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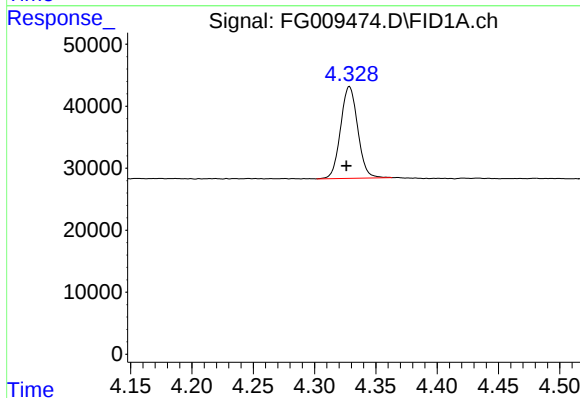
#1 N-OCTANE

R.T.: 2.234 min
Delta R.T.: 0.000 min
Response: 139175
Conc: 0.97 ug/ml

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ClientSampleId : MDL-WATER-06-QT1-2022

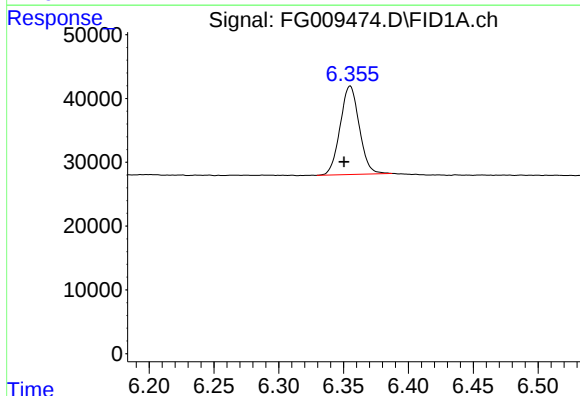
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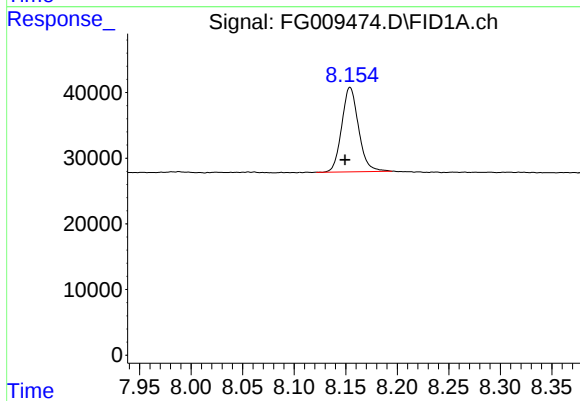
#2 N-DECANE

R.T.: 4.329 min
Delta R.T.: 0.003 min
Response: 143964
Conc: 0.98 ug/ml



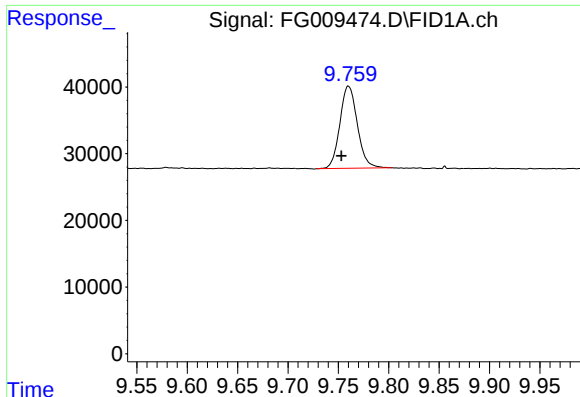
#3 N-DODECANE

R.T.: 6.355 min
Delta R.T.: 0.005 min
Response: 142409
Conc: 0.95 ug/ml



#4 N-TETRADECANE

R.T.: 8.154 min
Delta R.T.: 0.005 min
Response: 145895
Conc: 0.96 ug/ml



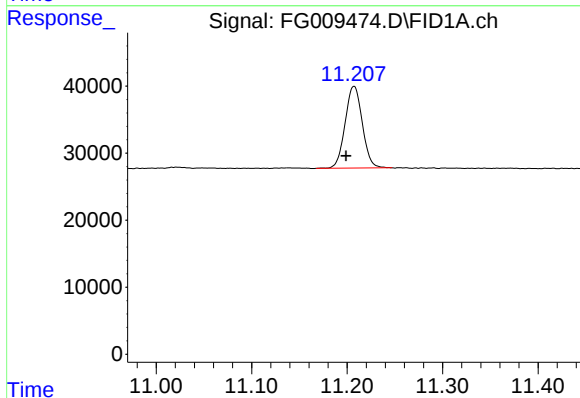
#5 N-HEXADECANE

R.T.: 9.760 min
Delta R.T.: 0.007 min
Response: 148746
Conc: 0.96 ug/ml

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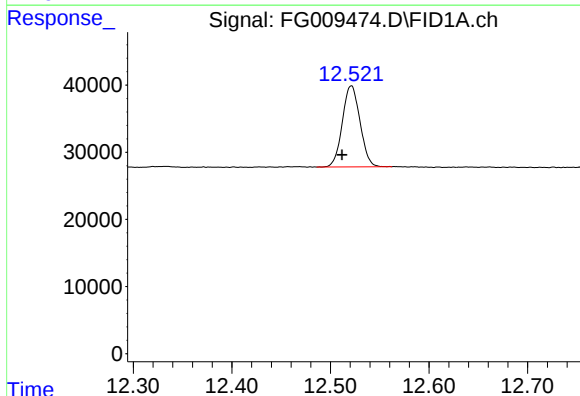
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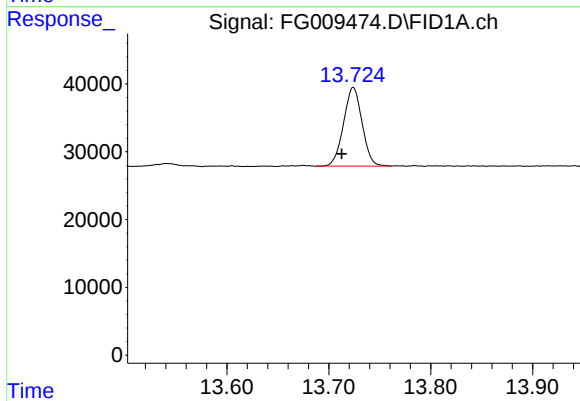
#6 N-OCTADECANE

R.T.: 11.207 min
Delta R.T.: 0.009 min
Response: 152045
Conc: 0.95 ug/ml



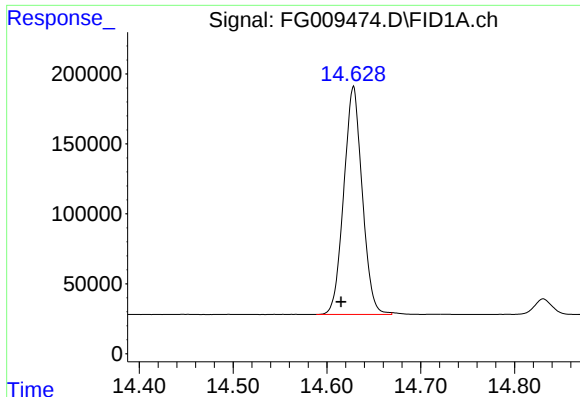
#7 N-EICOSANE

R.T.: 12.521 min
Delta R.T.: 0.009 min
Response: 150337
Conc: 0.96 ug/ml



#8 N-DOCOSANE

R.T.: 13.724 min
Delta R.T.: 0.011 min
Response: 146706
Conc: 0.95 ug/ml



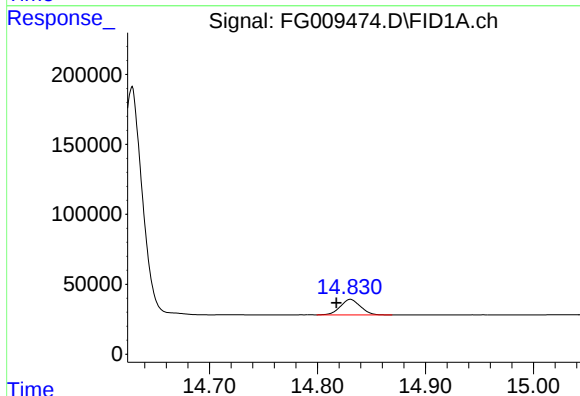
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.628 min
Delta R.T.: 0.013 min
Response: 2224836
Conc: 16.14 ug/ml

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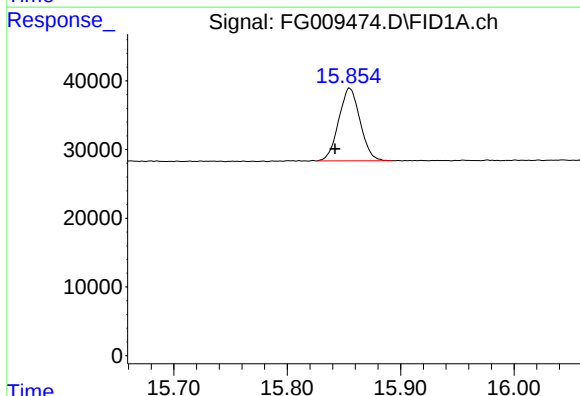
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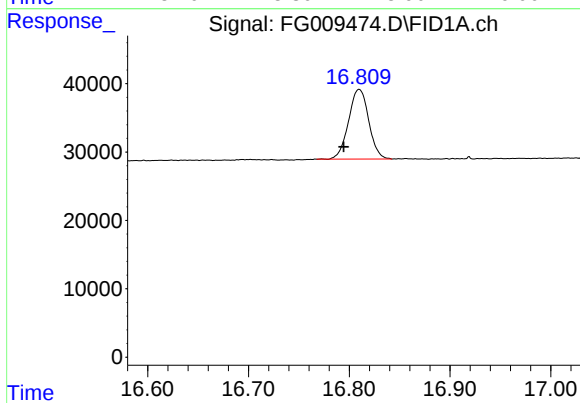
#10 N-TETRACOSANE

R.T.: 14.831 min
Delta R.T.: 0.013 min
Response: 144077
Conc: 0.93 ug/ml



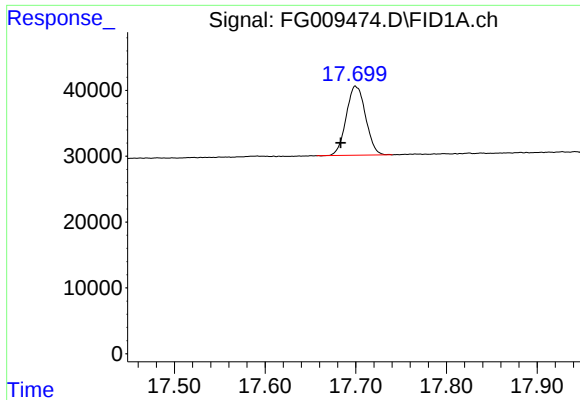
#11 N-HEXACOSANE

R.T.: 15.855 min
Delta R.T.: 0.013 min
Response: 138531
Conc: 0.91 ug/ml



#12 N-OCTACOSANE

R.T.: 16.810 min
Delta R.T.: 0.015 min
Response: 141673
Conc: 0.96 ug/ml



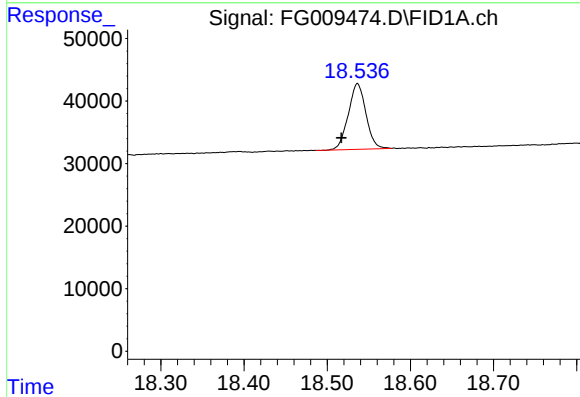
#13 N-TRIACONTANE

R.T.: 17.700 min
Delta R.T.: 0.016 min
Response: 155808
Conc: 1.09 ug/ml

Instrument :
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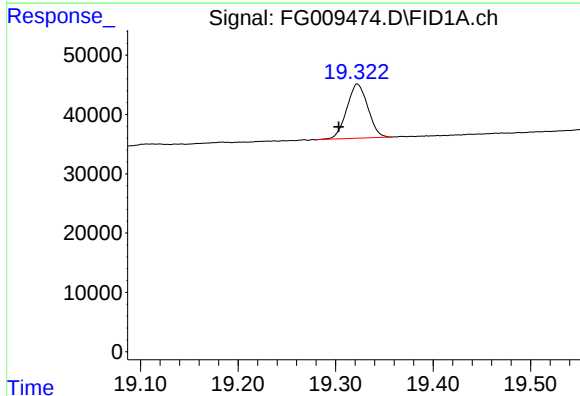
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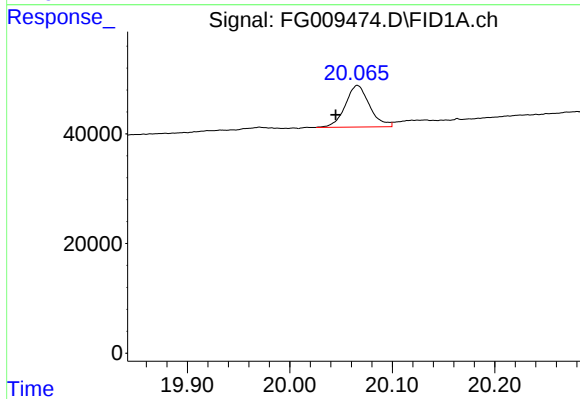
#14 N-DOTRIACONTANE

R.T.: 18.536 min
Delta R.T.: 0.019 min
Response: 154393
Conc: 1.16 ug/ml



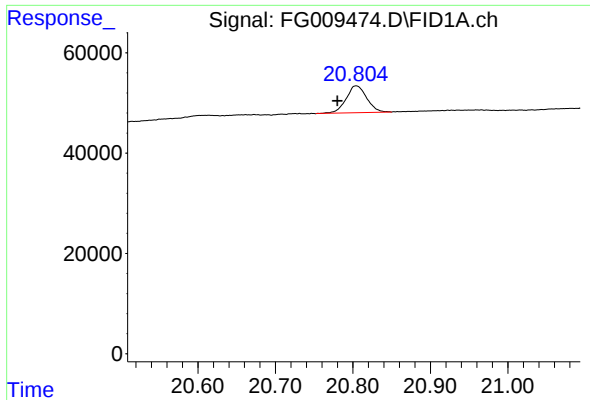
#15 N-TETRATRIACONTANE

R.T.: 19.322 min
Delta R.T.: 0.019 min
Response: 136841
Conc: 1.17 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.065 min
Delta R.T.: 0.020 min
Response: 125278
Conc: 1.27 ug/ml m



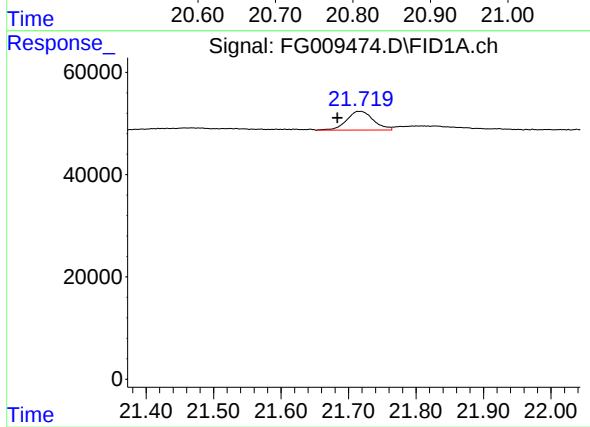
#17 N-OCTATRIACONTANE

R.T.: 20.804 min
Delta R.T.: 0.024 min
Response: 98621
Conc: 1.14 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.719 min
Delta R.T.: 0.036 min
Response: 101788
Conc: 1.20 ug/ml m