

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052220AL\
 Data File : FC047558.D
 Signal(s) : FID1A.CH
 Acq On : 22 May 2020 11:03
 Operator : DD\AJ
 Sample : L2182-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-WATER-03-QT2-2020

Manual Integrations
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Sohil
 5/27/2020 8:14:59 AM

Integration File: autoint1.e
 Quant Time: May 23 01:02:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.150	3171933	32.340 ug/ml
Spiked Amount 50.000		Recovery =	64.68%
Target Compounds			
1) T n-Nonane (C9)	3.549	122957	1.213 ug/mlm
2) T n-Decane (C10)	4.612	148381	1.452 ug/mlm
4) T n-Dodecane (C12)	6.611	235748	2.232 ug/mlm
6) T n-Tetradecane (C14)	8.388	188820	1.785 ug/mlm
7) T n-Hexadecane (C16)	9.974	181435	1.715 ug/mlm
8) T n-Octadecane (C18)	11.403	203259	1.815 ug/mlm
10) T n-Eicosane (C20)	12.703	213032	1.872 ug/mlm
11) T n-Heneicosane (C21)	13.310	208890	1.837 ug/mlm
13) T n-Docosane (C22)	13.892	215194	1.894 ug/mlm
14) T n-Tetracosane (C24)	14.988	222789	1.969 ug/mlm
15) T n-Hexacosane (C26)	16.002	224517	2.005 ug/mlm
16) T n-Octacosane (C28)	16.946	246643	2.211 ug/mlm
17) T n-Tricontane (C30)	17.827	273980	2.534 ug/mlm
18) T n-Dotriacontane (C32)	18.654	269702	2.735 ug/ml
19) T n-Tetratriacontane (C34)	19.432	231290	2.522 ug/ml
20) T n-Hexatriacontane (C36)	20.169	263319	3.036 ug/ml
21) T n-Octatriacontane (C38)	20.921	191185	2.369 ug/ml
22) T n-Tetracontane (C40)	21.871	282003	3.468 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 22 May 2020 11:03
Operator : DD\AJ
Sample : L2182-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

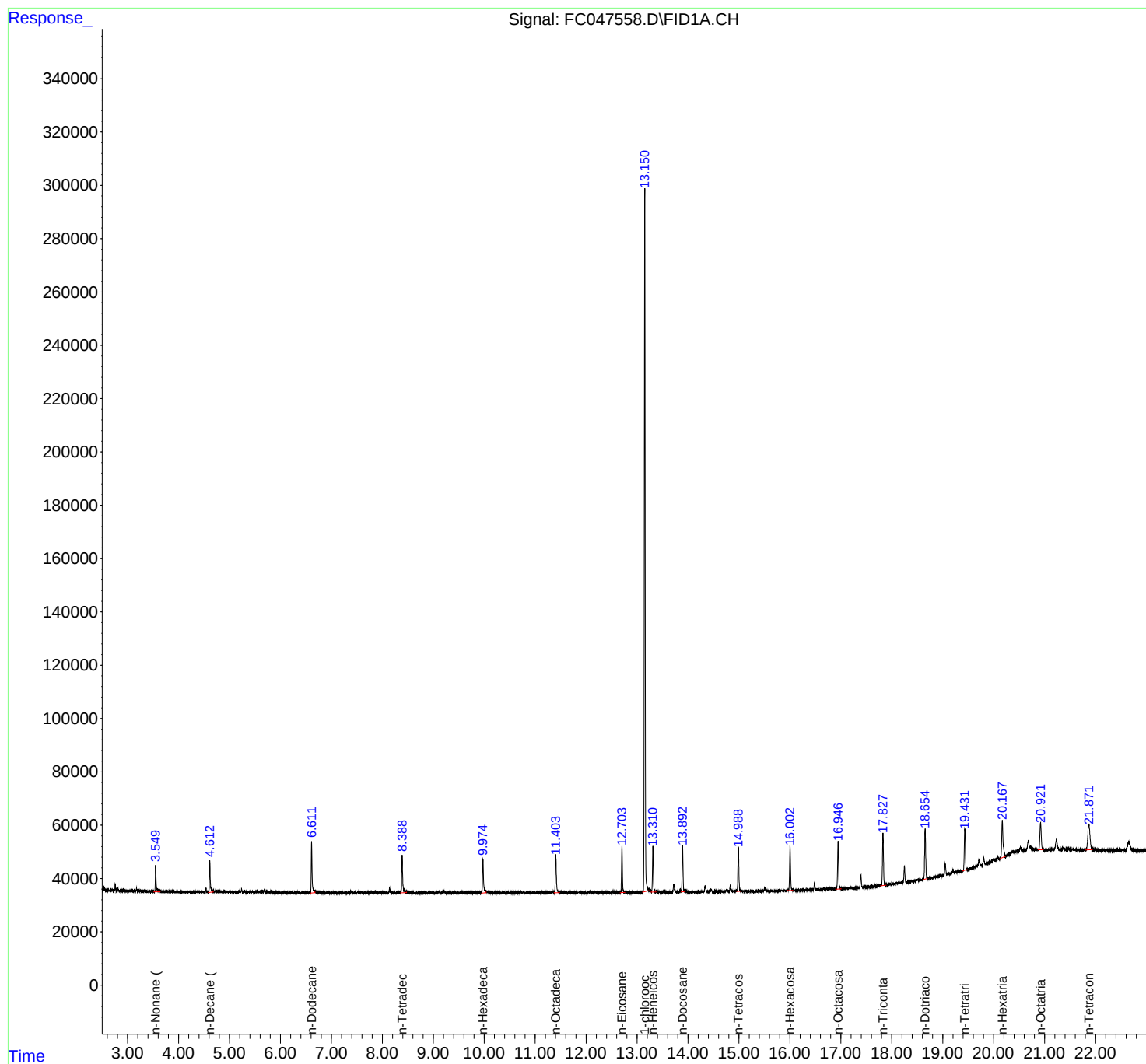
Instrument :
FID_C
ClientSampleId :
MDL-WATER-03-QT2-2020

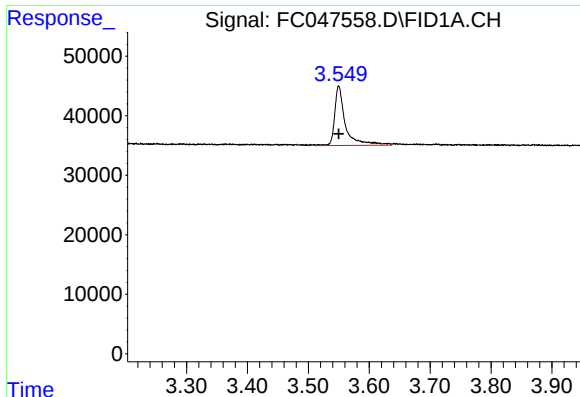
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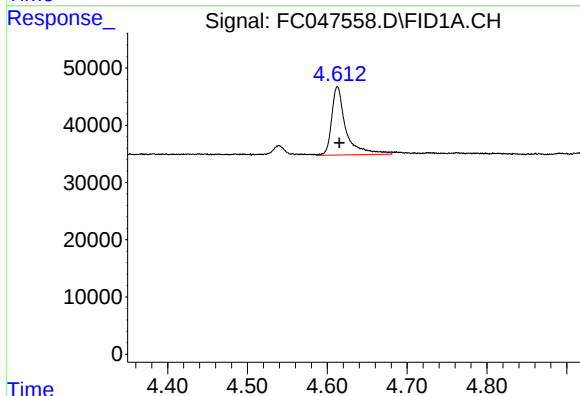
#1 n-Nonane (C9)

R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 122957
Conc: 1.21 ug/ml m

Instrument :
FID_C
ClientSampleId :
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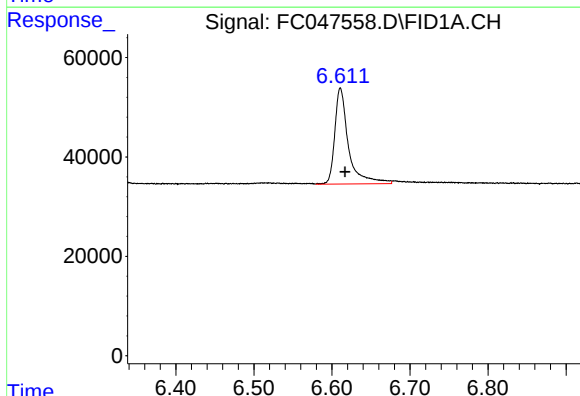
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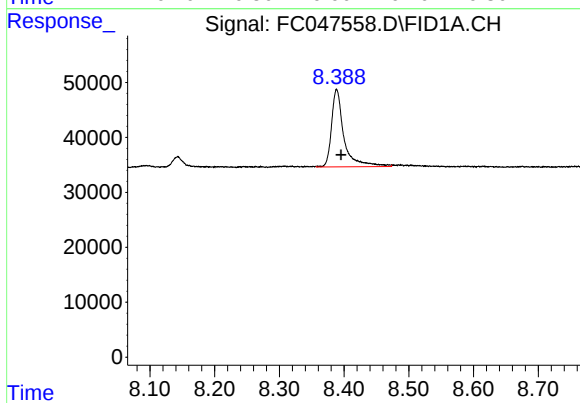
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.003 min
Response: 148381
Conc: 1.45 ug/ml m



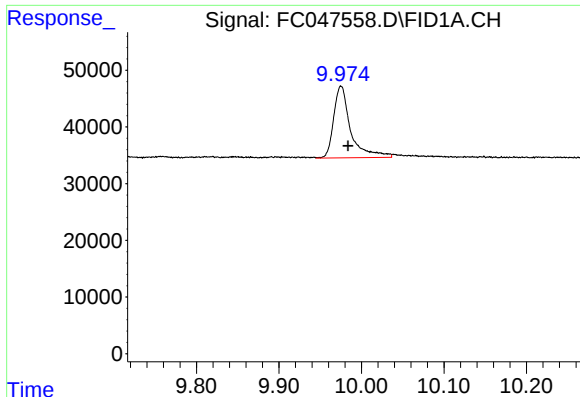
#4 n-Dodecane (C12)

R.T.: 6.611 min
Delta R.T.: -0.006 min
Response: 235748
Conc: 2.23 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.388 min
Delta R.T.: -0.007 min
Response: 188820
Conc: 1.79 ug/ml m



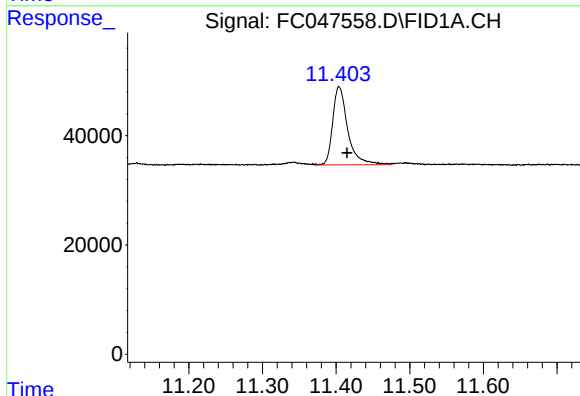
#7 n-Hexadecane (C16)

R.T.: 9.974 min
Delta R.T.: -0.009 min
Response: 181435
Conc: 1.71 ug/ml m

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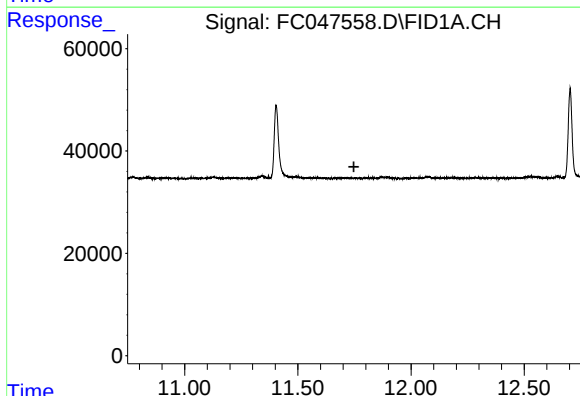
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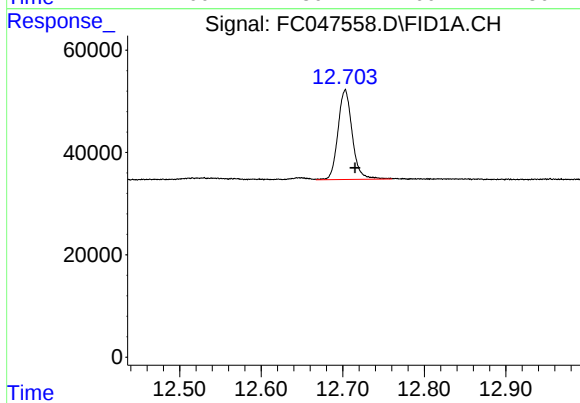
#8 n-Octadecane (C18)

R.T.: 11.403 min
Delta R.T.: -0.012 min
Response: 203259
Conc: 1.82 ug/ml m



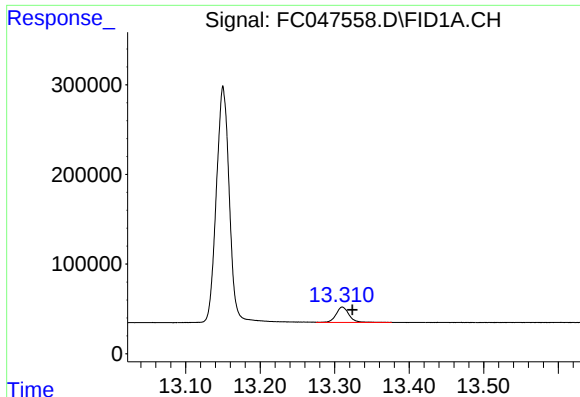
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.748 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: -0.012 min
Response: 213032
Conc: 1.87 ug/ml m



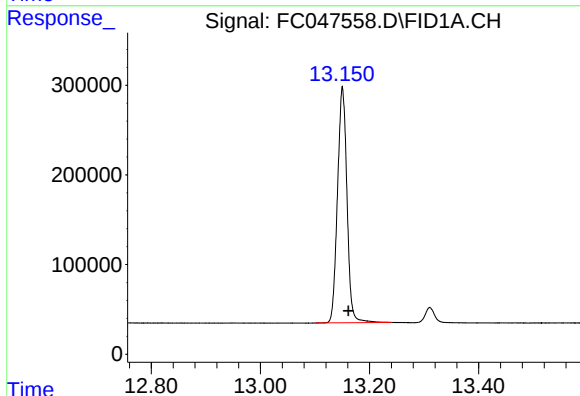
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: -0.014 min
Response: 208890
Conc: 1.84 ug/ml m

Instrument :
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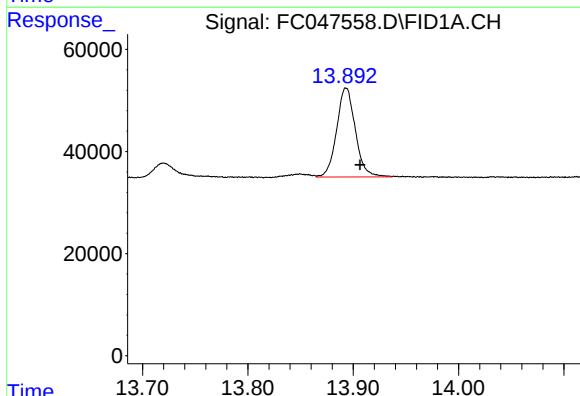
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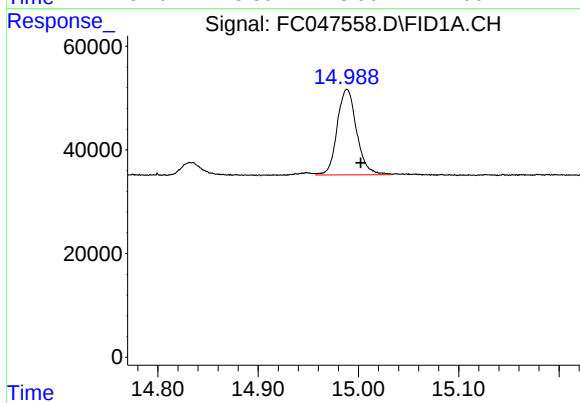
#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: -0.011 min
Response: 3171933
Conc: 32.34 ug/ml



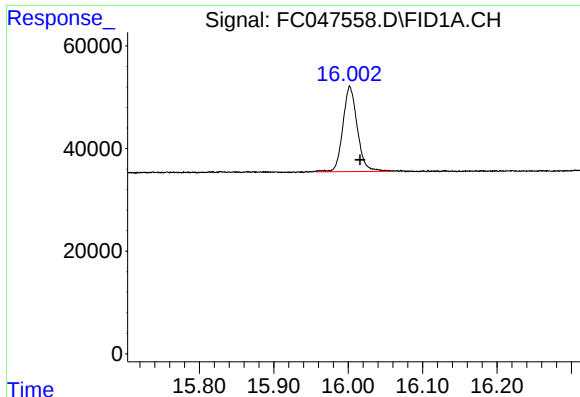
#13 n-Docosane (C22)

R.T.: 13.892 min
Delta R.T.: -0.014 min
Response: 215194
Conc: 1.89 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.988 min
Delta R.T.: -0.014 min
Response: 222789
Conc: 1.97 ug/ml m



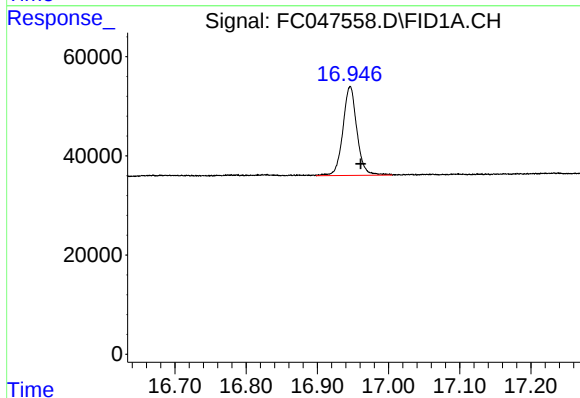
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: -0.014 min
Response: 224517
Conc: 2.00 ug/ml m

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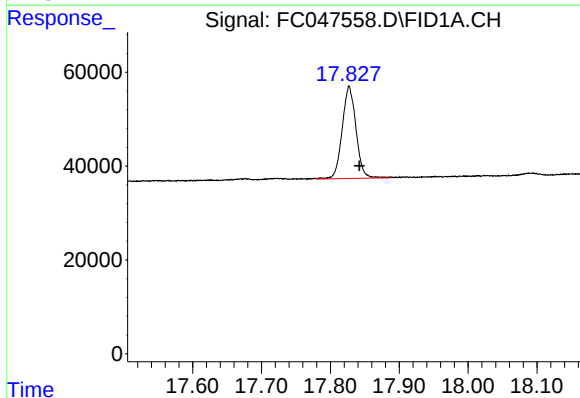
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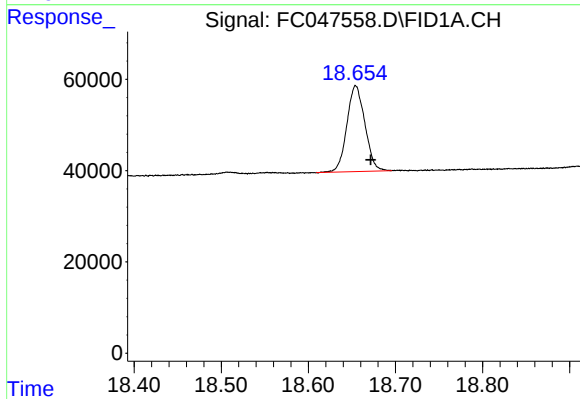
#16 n-Octacosane (C28)

R.T.: 16.946 min
Delta R.T.: -0.015 min
Response: 246643
Conc: 2.21 ug/ml m



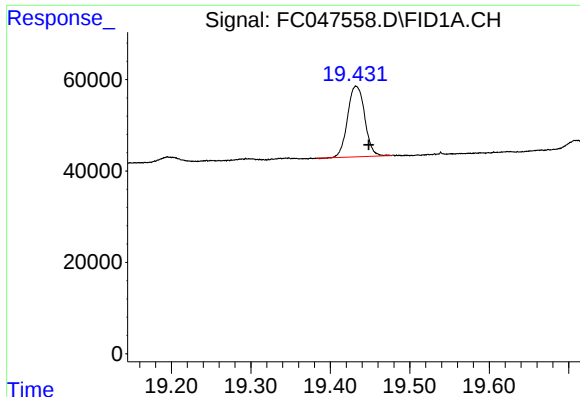
#17 n-Tricontane (C30)

R.T.: 17.827 min
Delta R.T.: -0.015 min
Response: 273980
Conc: 2.53 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.654 min
Delta R.T.: -0.017 min
Response: 269702
Conc: 2.73 ug/ml



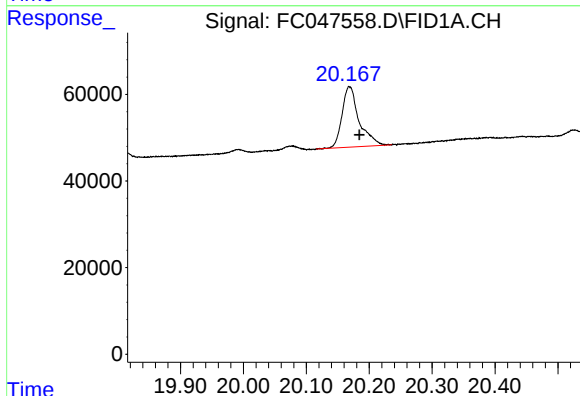
#19 n-Tetratriacontane (C34)

R.T.: 19.432 min
Delta R.T.: -0.016 min
Response: 231290
Conc: 2.52 ug/ml

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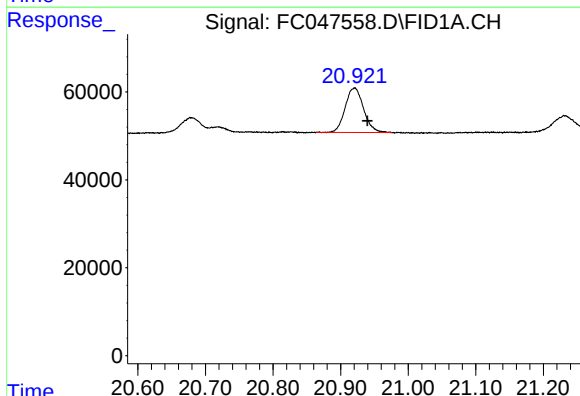
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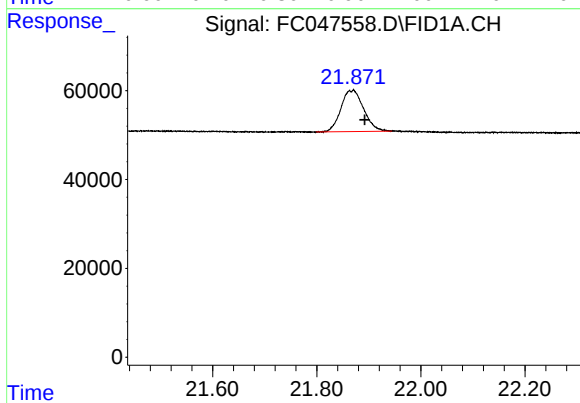
#20 n-Hexatriacontane (C36)

R.T.: 20.169 min
Delta R.T.: -0.016 min
Response: 263319
Conc: 3.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.921 min
Delta R.T.: -0.019 min
Response: 191185
Conc: 2.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.871 min
Delta R.T.: -0.022 min
Response: 282003
Conc: 3.47 ug/ml