

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102320AL\
 Data File : FC050308.D
 Signal(s) : FID1A.CH
 Acq On : 23 Oct 2020 9:07
 Operator : DD\AJ
 Sample : L4214-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

Manual Integrations
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 10/27/2020 4:34:34 PM

Integration File: autoint1.e
 Quant Time: Oct 24 02:22:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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...	13.061	2206193	25.468 ug/ml
Spiked Amount 50.000		Recovery =	50.94%
Target Compounds			
1) T n-Nonane (C9)	3.373	132255	1.335 ug/ml
2) T n-Decane (C10)	4.444	156891	1.576 ug/ml
4) T n-Dodecane (C12)	6.465	196977	1.952 ug/ml
6) T n-Tetradecane (C14)	8.261	189943	1.896 ug/ml
7) T n-Hexadecane (C16)	9.862	189909	1.927 ug/ml
8) T n-Octadecane (C18)	11.304	210634	2.040 ug/ml
10) T n-Eicosane (C20)	12.613	203099	1.952 ug/ml
11) T n-Heneicosane (C21)	13.225	199431	1.919 ug/ml
13) T n-Docosane (C22)	13.811	199626	1.923 ug/ml
14) T n-Tetracosane (C24)	14.913	196357	1.890 ug/ml
15) T n-Hexacosane (C26)	15.933	192627	1.869 ug/ml
16) T n-Octacosane (C28)	16.881	193377	1.868 ug/ml
17) T n-Tricontane (C30)	17.769	193926	1.900 ug/ml
18) T n-Dotriacontane (C32)	18.600	190608	1.984 ug/ml
19) T n-Tetratriacontane (C34)	19.383	185762	2.025 ug/ml
20) T n-Hexatriacontane (C36)	20.120	171540	1.937 ug/mlm
21) T n-Octatriacontane (C38)	20.866	165637	2.009 ug/ml
22) T n-Tetracontane (C40)	21.794	164139	1.963 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 23 Oct 2020 9:07
Operator : DD\AJ
Sample : L4214-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

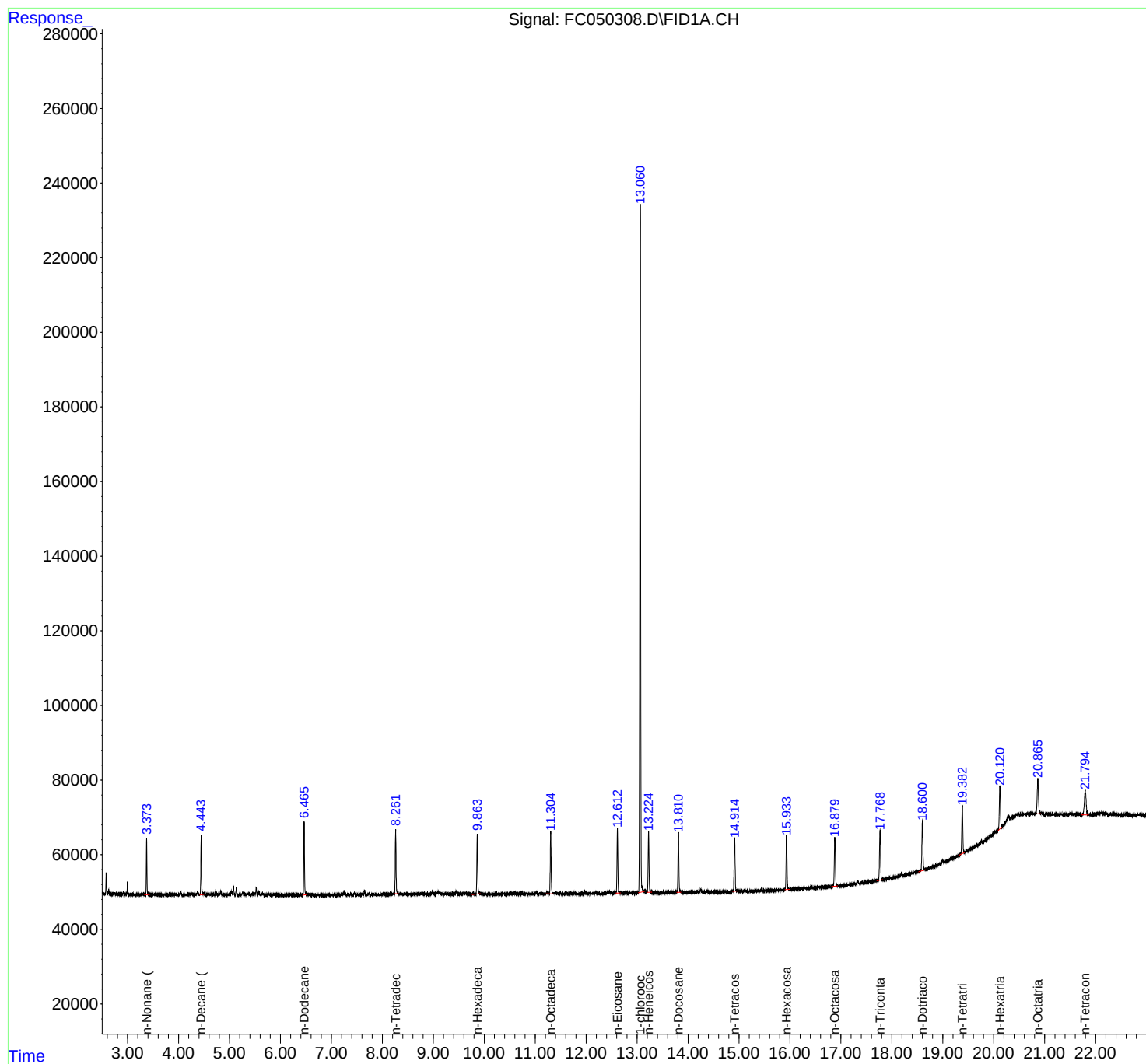
Instrument :
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LOD-MDL-SOIL-01-QT4-2020

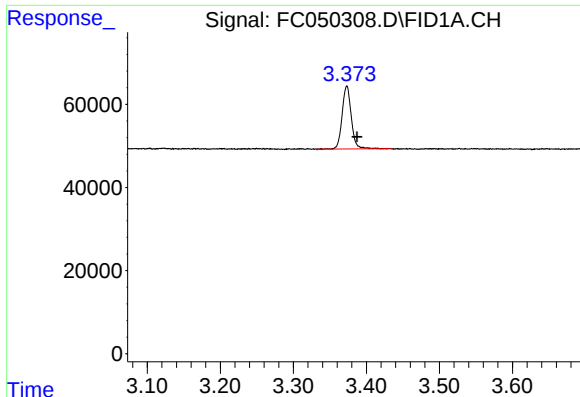
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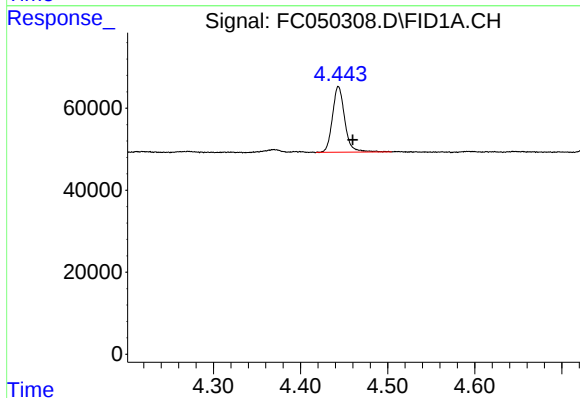
#1 n-Nonane (C9)

R.T.: 3.373 min
Delta R.T.: -0.014 min
Response: 132255
Conc: 1.33 ug/ml

Instrument :
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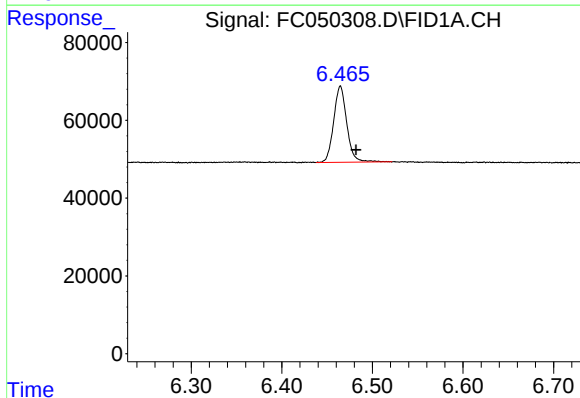
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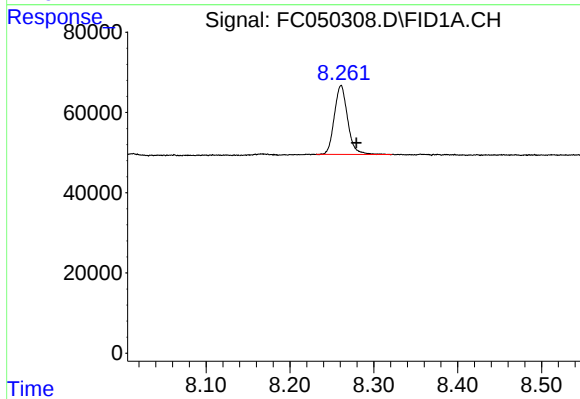
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: -0.016 min
Response: 156891
Conc: 1.58 ug/ml



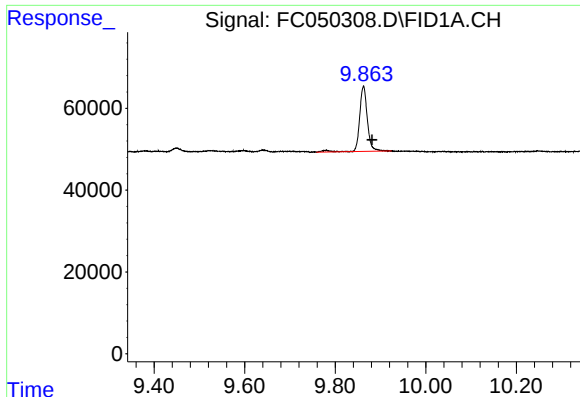
#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.017 min
Response: 196977
Conc: 1.95 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.261 min
Delta R.T.: -0.018 min
Response: 189943
Conc: 1.90 ug/ml



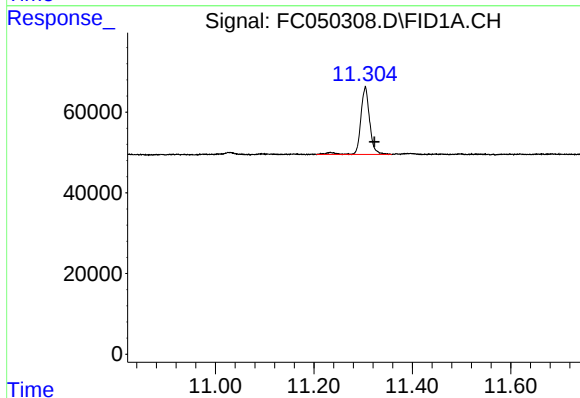
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.019 min
Response: 189909
Conc: 1.93 ug/ml

Instrument :
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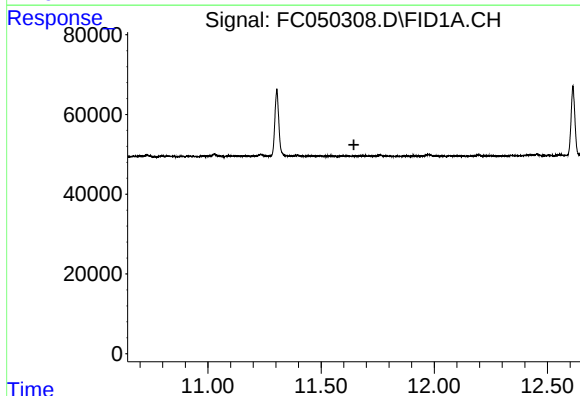
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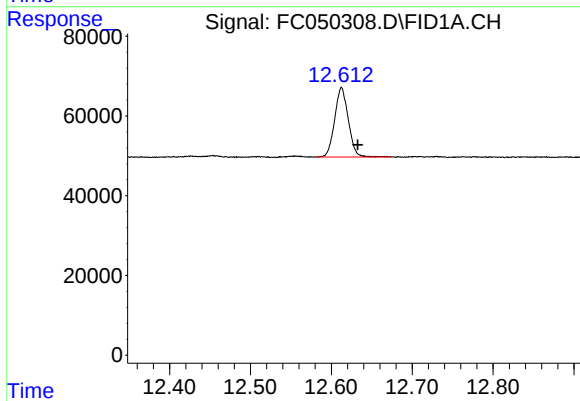
#8 n-Octadecane (C18)

R.T.: 11.304 min
Delta R.T.: -0.019 min
Response: 210634
Conc: 2.04 ug/ml



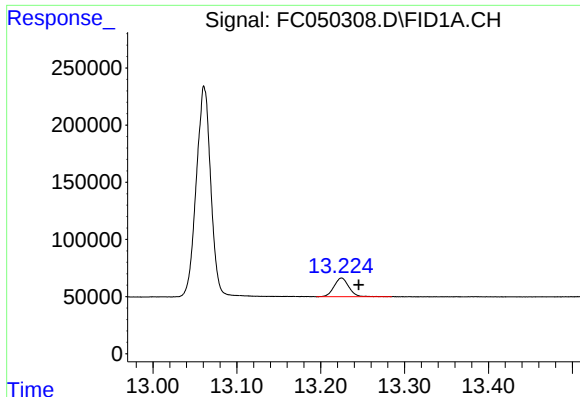
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.645 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.613 min
Delta R.T.: -0.020 min
Response: 203099
Conc: 1.95 ug/ml



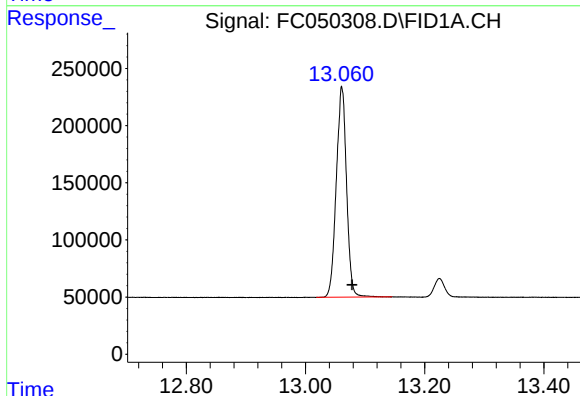
#11 n-Heneicosane (C21)

R.T.: 13.225 min
Delta R.T.: -0.020 min
Response: 199431
Conc: 1.92 ug/ml

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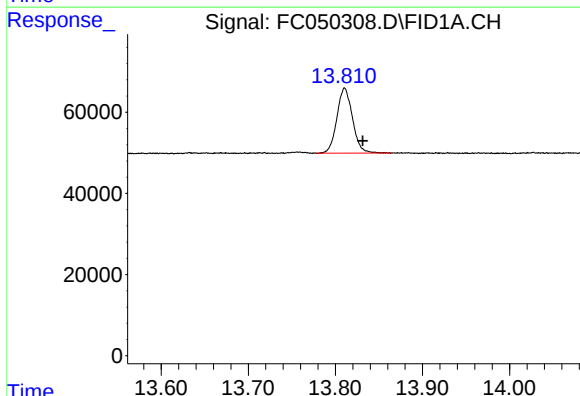
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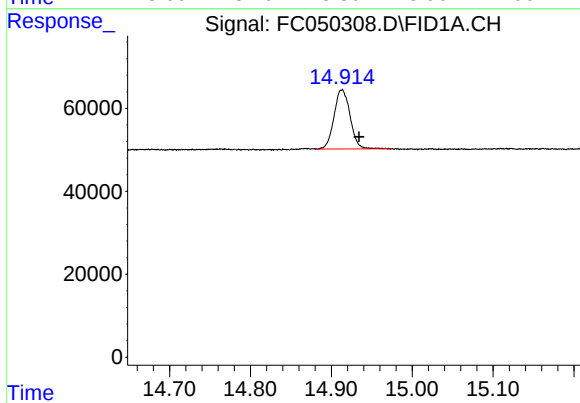
#12 1-chlorooctadecane (SURR)

R.T.: 13.061 min
Delta R.T.: -0.017 min
Response: 2206193
Conc: 25.47 ug/ml



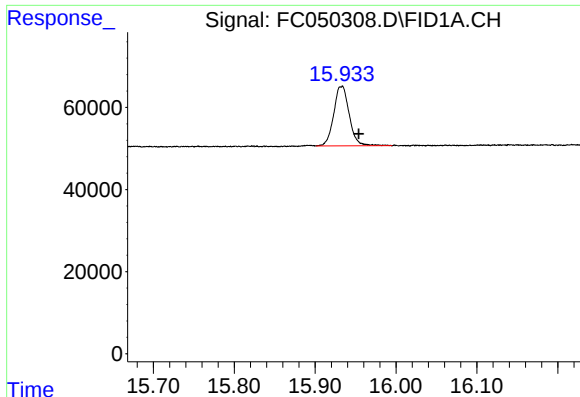
#13 n-Docosane (C22)

R.T.: 13.811 min
Delta R.T.: -0.021 min
Response: 199626
Conc: 1.92 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.913 min
Delta R.T.: -0.021 min
Response: 196357
Conc: 1.89 ug/ml



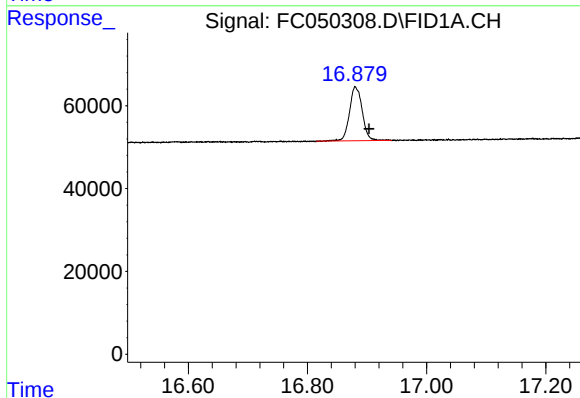
#15 n-Hexacosane (C26)

R.T.: 15.933 min
Delta R.T.: -0.021 min
Response: 192627
Conc: 1.87 ug/ml

Instrument :
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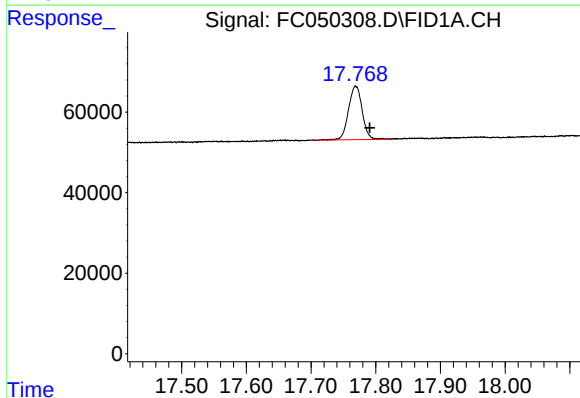
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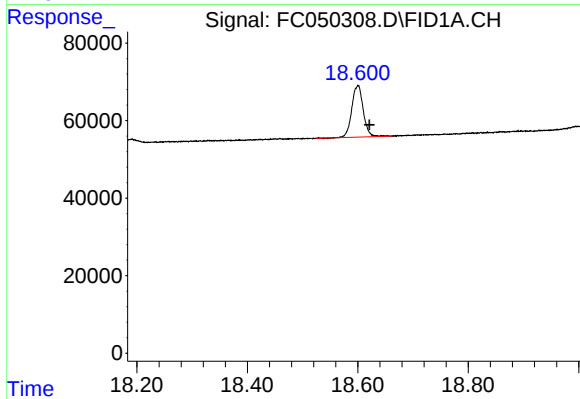
#16 n-Octacosane (C28)

R.T.: 16.881 min
Delta R.T.: -0.022 min
Response: 193377
Conc: 1.87 ug/ml



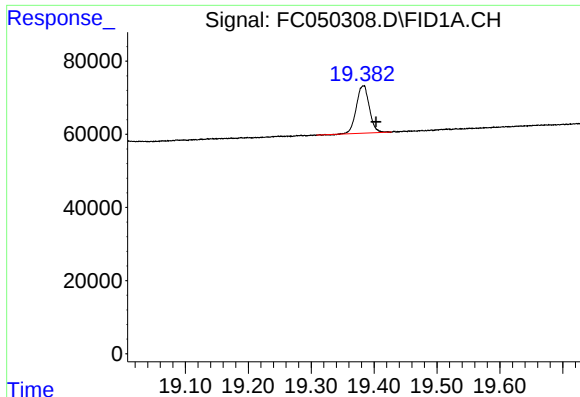
#17 n-Tricontane (C30)

R.T.: 17.769 min
Delta R.T.: -0.022 min
Response: 193926
Conc: 1.90 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.600 min
Delta R.T.: -0.021 min
Response: 190608
Conc: 1.98 ug/ml



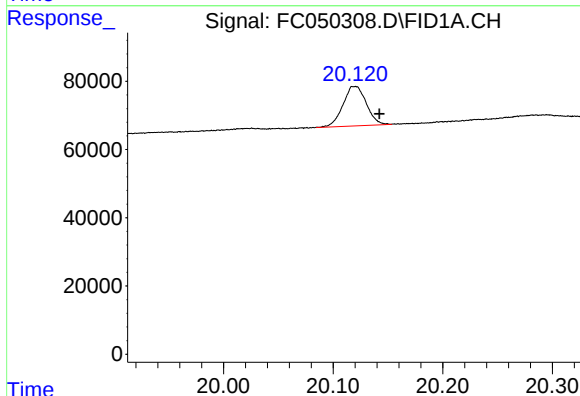
#19 n-Tetratriacontane (C34)

R.T.: 19.383 min
Delta R.T.: -0.021 min
Response: 185762
Conc: 2.03 ug/ml

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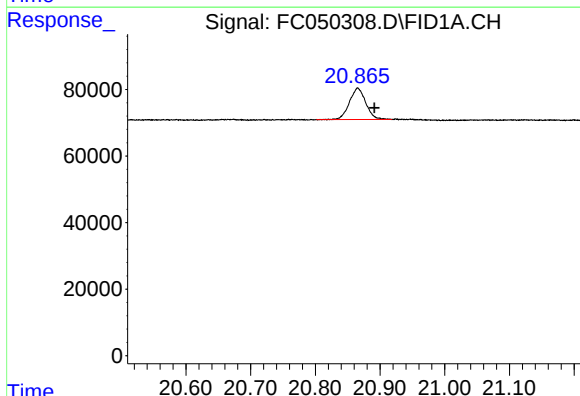
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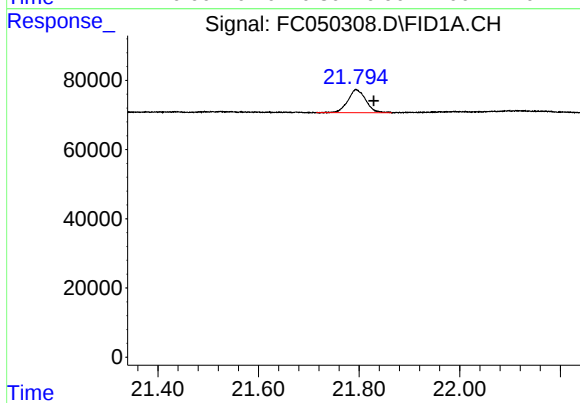
#20 n-Hexatriacontane (C36)

R.T.: 20.120 min
Delta R.T.: -0.022 min
Response: 171540
Conc: 1.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.866 min
Delta R.T.: -0.025 min
Response: 165637
Conc: 2.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.794 min
Delta R.T.: -0.035 min
Response: 164139
Conc: 1.96 ug/ml