

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103020AL\
 Data File : FC050498.D
 Signal(s) : FID1A.CH
 Acq On : 31 Oct 2020 12:06
 Operator : DD\AJ
 Sample : L4214-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-WATER-03-QT4-2020

Manual Integrations
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 11/3/2020 9:18:12 AM

Integration File: sample.E
 Quant Time: Nov 02 11:11:10 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...	13.052	2241536	25.876 ug/ml
Spiked Amount 50.000		Recovery =	51.75%
Target Compounds			
1) T n-Nonane (C9)	3.368	139489	1.408 ug/ml
2) T n-Decane (C10)	4.438	167160	1.679 ug/ml
4) T n-Dodecane (C12)	6.458	224028	2.220 ug/ml
6) T n-Tetradecane (C14)	8.253	222204	2.218 ug/ml
7) T n-Hexadecane (C16)	9.855	208890	2.120 ug/ml
8) T n-Octadecane (C18)	11.296	220696	2.137 ug/ml
10) T n-Eicosane (C20)	12.604	226327	2.175 ug/ml
11) T n-Heneicosane (C21)	13.216	219055	2.108 ug/ml
13) T n-Docosane (C22)	13.802	223173	2.150 ug/ml
14) T n-Tetracosane (C24)	14.904	226705	2.183 ug/ml
15) T n-Hexacosane (C26)	15.924	221749	2.152 ug/ml
16) T n-Octacosane (C28)	16.872	233392	2.255 ug/ml
17) T n-Tricontane (C30)	17.758	250230	2.452 ug/ml
18) T n-Dotriacontane (C32)	18.590	257988	2.686 ug/ml
19) T n-Tetratriacontane (C34)	19.370	242906	2.648 ug/mlm
20) T n-Hexatriacontane (C36)	20.108	212444	2.398 ug/mlm
21) T n-Octatriacontane (C38)	20.851	191521	2.323 ug/ml
22) T n-Tetracontane (C40)	21.774	190492	2.278 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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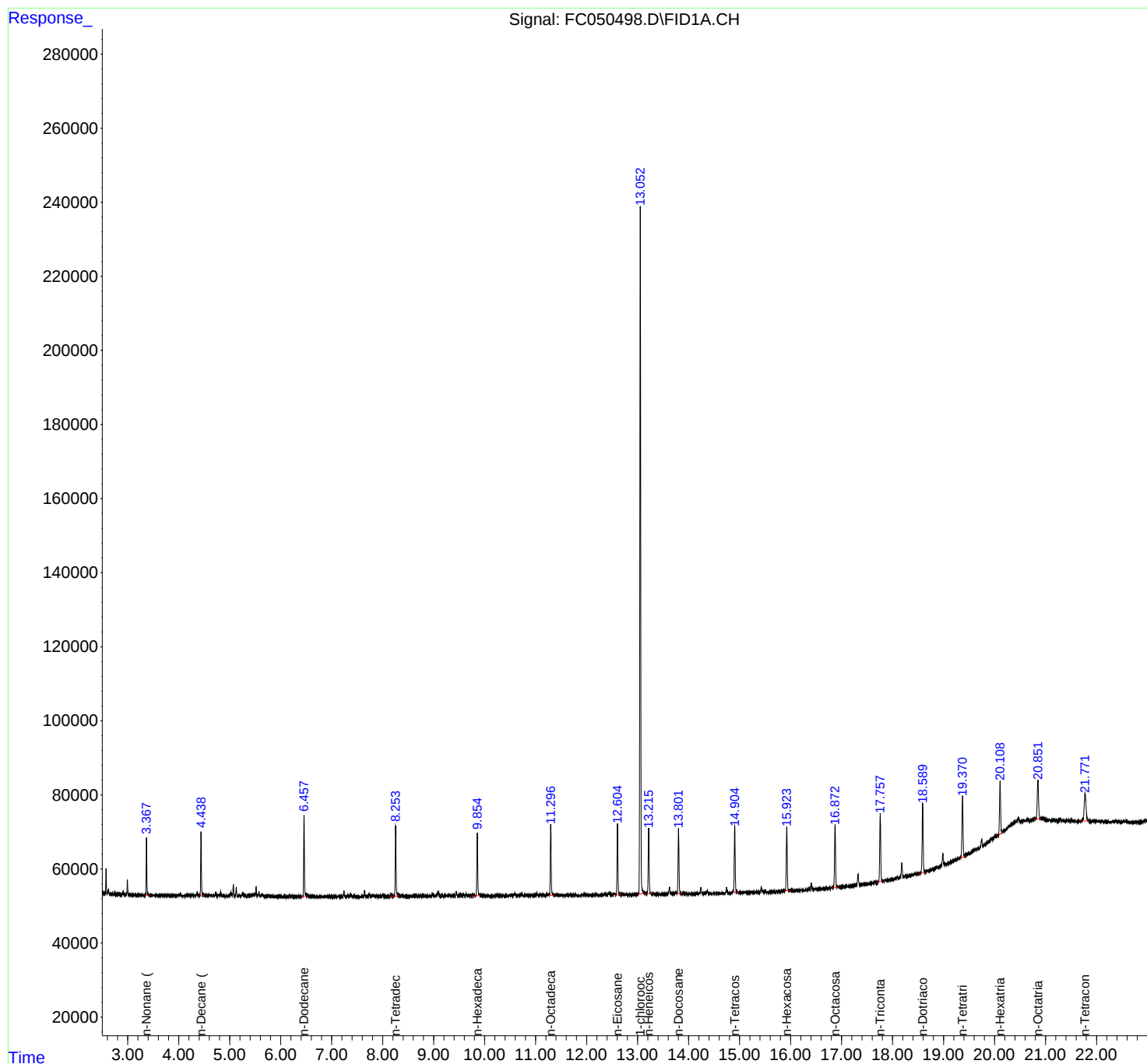
Instrument :
FID_C
ClientSampleId :
MDL-WATER-03-QT4-2020

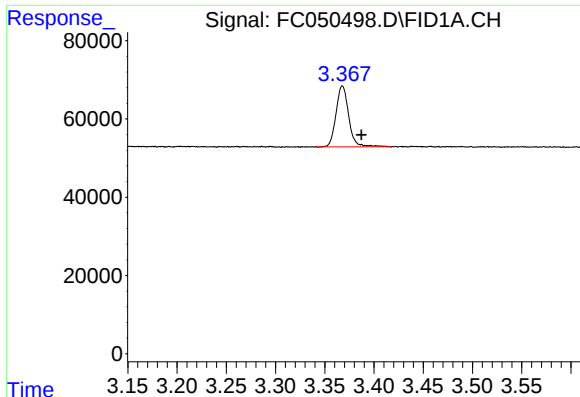
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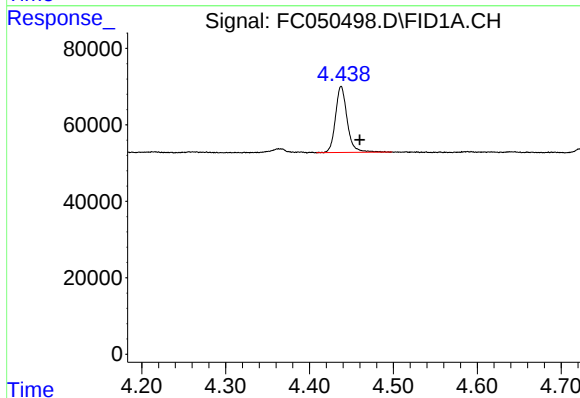
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: -0.019 min
Response: 139489
Conc: 1.41 ug/ml

Instrument :
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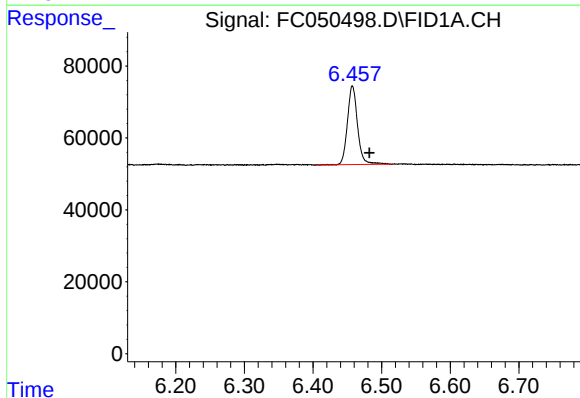
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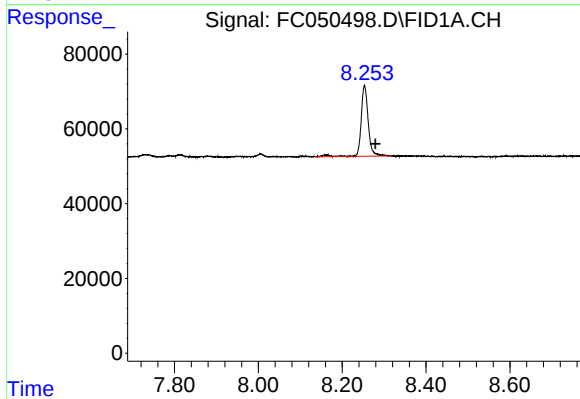
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.022 min
Response: 167160
Conc: 1.68 ug/ml



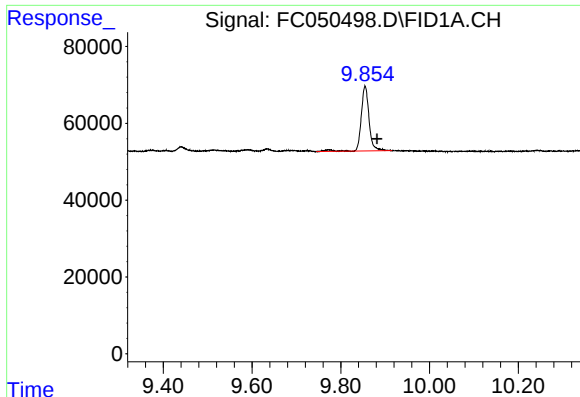
#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.024 min
Response: 224028
Conc: 2.22 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.253 min
Delta R.T.: -0.026 min
Response: 222204
Conc: 2.22 ug/ml



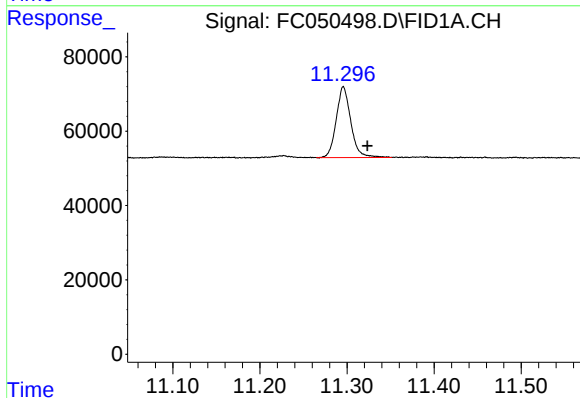
#7 n-Hexadecane (C16)

R.T.: 9.855 min
Delta R.T.: -0.027 min
Response: 208890
Conc: 2.12 ug/ml

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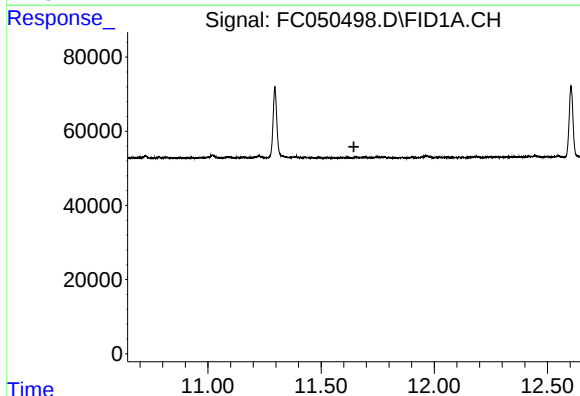
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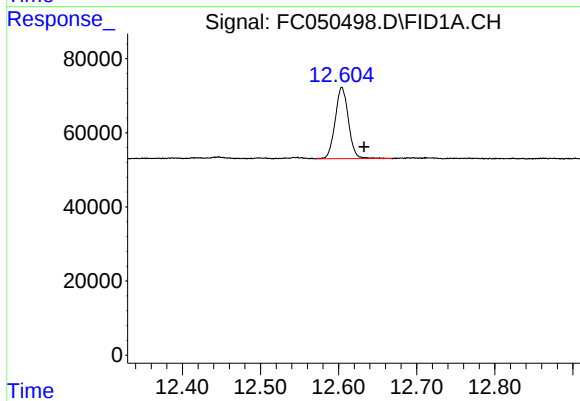
#8 n-Octadecane (C18)

R.T.: 11.296 min
Delta R.T.: -0.027 min
Response: 220696
Conc: 2.14 ug/ml



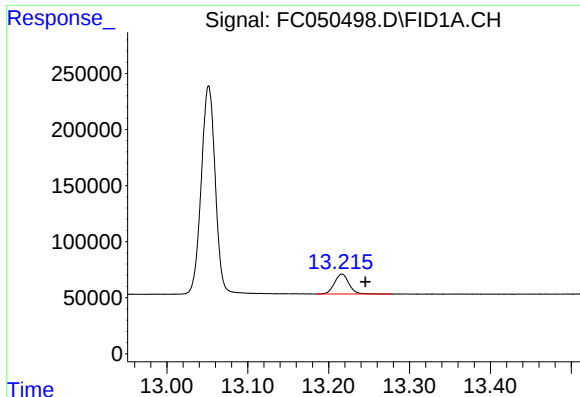
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.604 min
Delta R.T.: -0.028 min
Response: 226327
Conc: 2.18 ug/ml



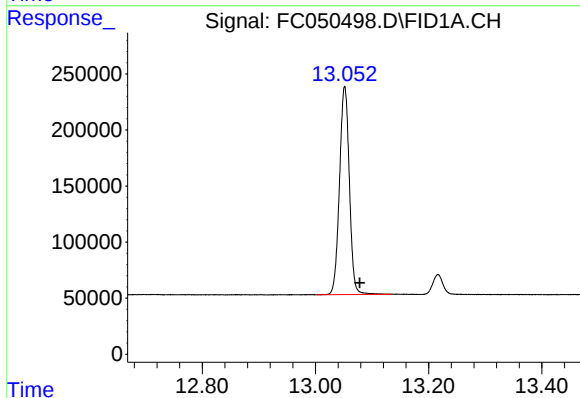
#11 n-Heneicosane (C21)

R.T.: 13.216 min
Delta R.T.: -0.029 min
Response: 219055
Conc: 2.11 ug/ml

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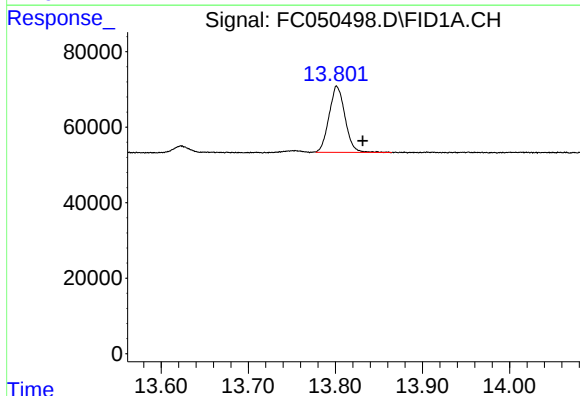
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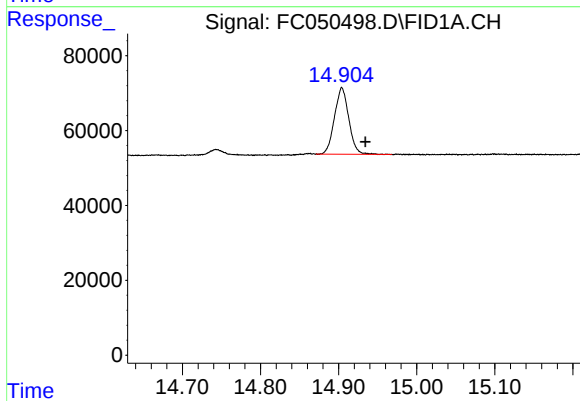
#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min
Delta R.T.: -0.027 min
Response: 2241536
Conc: 25.88 ug/ml



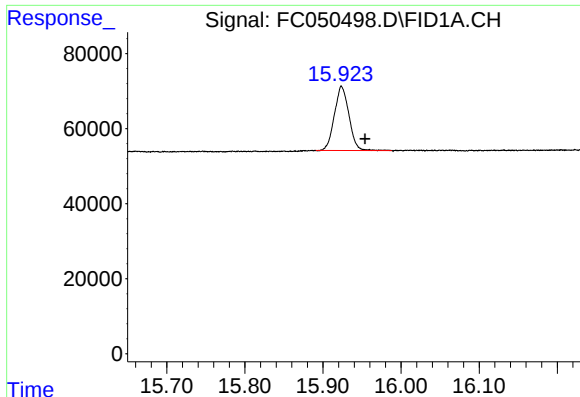
#13 n-Docosane (C22)

R.T.: 13.802 min
Delta R.T.: -0.030 min
Response: 223173
Conc: 2.15 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.904 min
Delta R.T.: -0.030 min
Response: 226705
Conc: 2.18 ug/ml



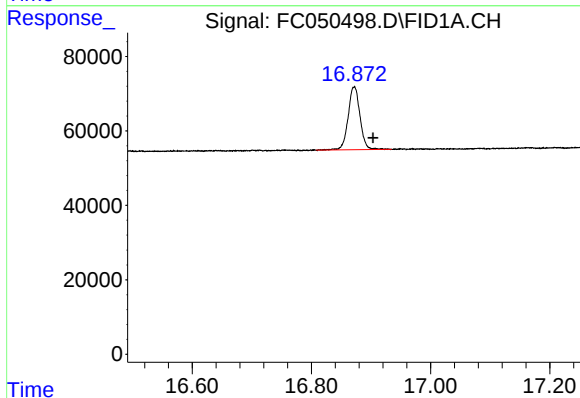
#15 n-Hexacosane (C26)

R.T.: 15.924 min
Delta R.T.: -0.030 min
Response: 221749
Conc: 2.15 ug/ml

Instrument :
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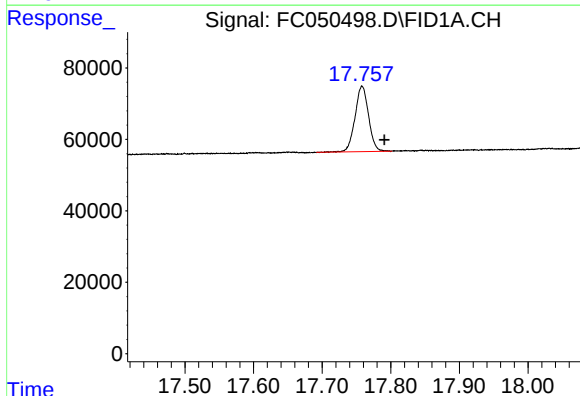
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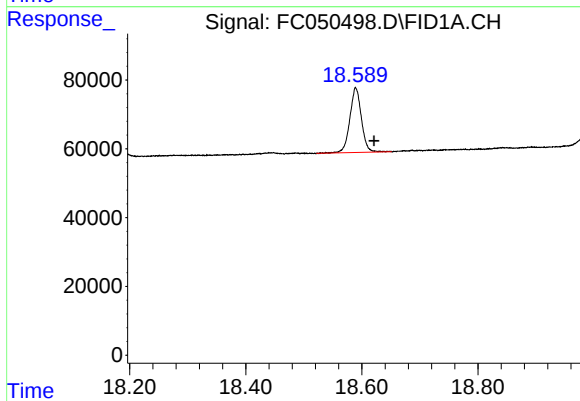
#16 n-Octacosane (C28)

R.T.: 16.872 min
Delta R.T.: -0.032 min
Response: 233392
Conc: 2.26 ug/ml



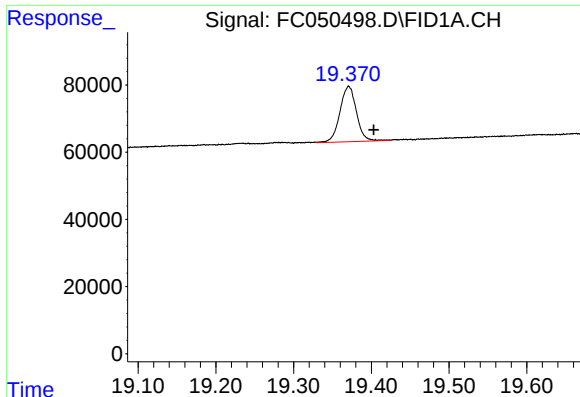
#17 n-Tricontane (C30)

R.T.: 17.758 min
Delta R.T.: -0.033 min
Response: 250230
Conc: 2.45 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.590 min
Delta R.T.: -0.031 min
Response: 257988
Conc: 2.69 ug/ml



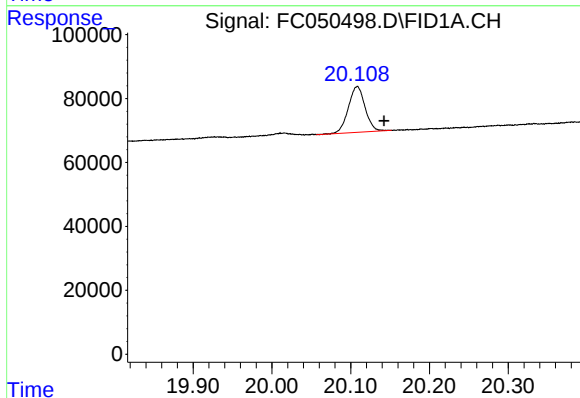
#19 n-Tetratriacontane (C34)

R.T.: 19.370 min
Delta R.T.: -0.033 min
Response: 242906
Conc: 2.65 ug/ml m

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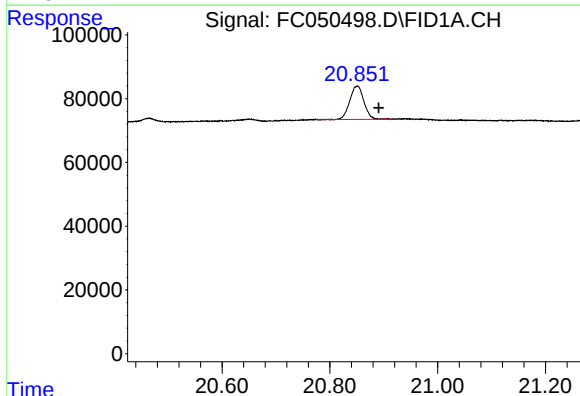
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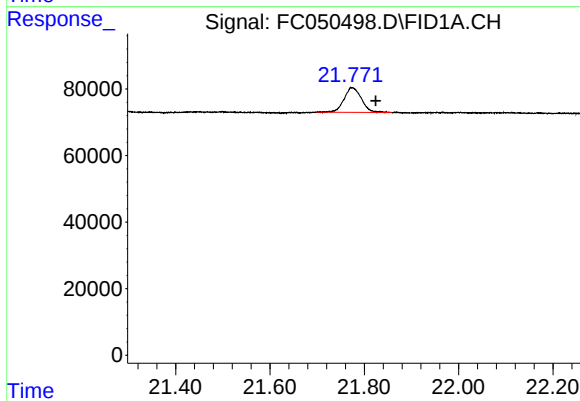
#20 n-Hexatriacontane (C36)

R.T.: 20.108 min
Delta R.T.: -0.034 min
Response: 212444
Conc: 2.40 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.851 min
Delta R.T.: -0.040 min
Response: 191521
Conc: 2.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.774 min
Delta R.T.: -0.050 min
Response: 190492
Conc: 2.28 ug/ml