

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013120AL\
 Data File : FC045586.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jan 2020 16:01
 Operator : DD\AJ
 Sample : L1161-08
 Misc : LOQ 5 PPM -WATER (ALI)
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

Manual Integrations
 APPROVED

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 2/3/2020 2:38:42 PM

Integration File: autoint1.e
 Quant Time: Jan 31 23:51:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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...	13.186	2617103	30.101 ug/ml
Spiked Amount 50.000		Recovery =	60.20%
Target Compounds			
1) T n-Nonane (C9)	3.524	254960	2.636 ug/mlm
2) T n-Decane (C10)	4.595	307387	3.174 ug/mlm
4) T n-Dodecane (C12)	6.611	385334	3.942 ug/mlm
6) T n-Tetradecane (C14)	8.399	374790	3.803 ug/mlm
7) T n-Hexadecane (C16)	9.994	373745	3.733 ug/mlm
8) T n-Octadecane (C18)	11.431	378832	3.719 ug/mlm
10) T n-Eicosane (C20)	12.735	374534	3.652 ug/mlm
11) T n-Heneicosane (C21)	13.347	365105	3.527 ug/mlm
13) T n-Docosane (C22)	13.933	372588	3.611 ug/mlm
14) T n-Tetracosane (C24)	15.033	359608	3.461 ug/mlm
15) T n-Hexacosane (C26)	16.050	348555	3.374 ug/mlm
16) T n-Octacosane (C28)	16.999	352459	3.448 ug/mlm
17) T n-Tricontane (C30)	17.882	360348	3.671 ug/mlm
18) T n-Dotriacontane (C32)	18.711	350649	4.214 ug/mlm
19) T n-Tetratriacontane (C34)	19.493	327171	4.623 ug/mlm
20) T n-Hexatriacontane (C36)	20.229	293295	4.574 ug/mlm
21) T n-Octatriacontane (C38)	21.000	256982	4.394 ug/mlm
22) T n-Tetracontane (C40)	21.969	261189	4.428 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 11 Sample Multiplier: 1

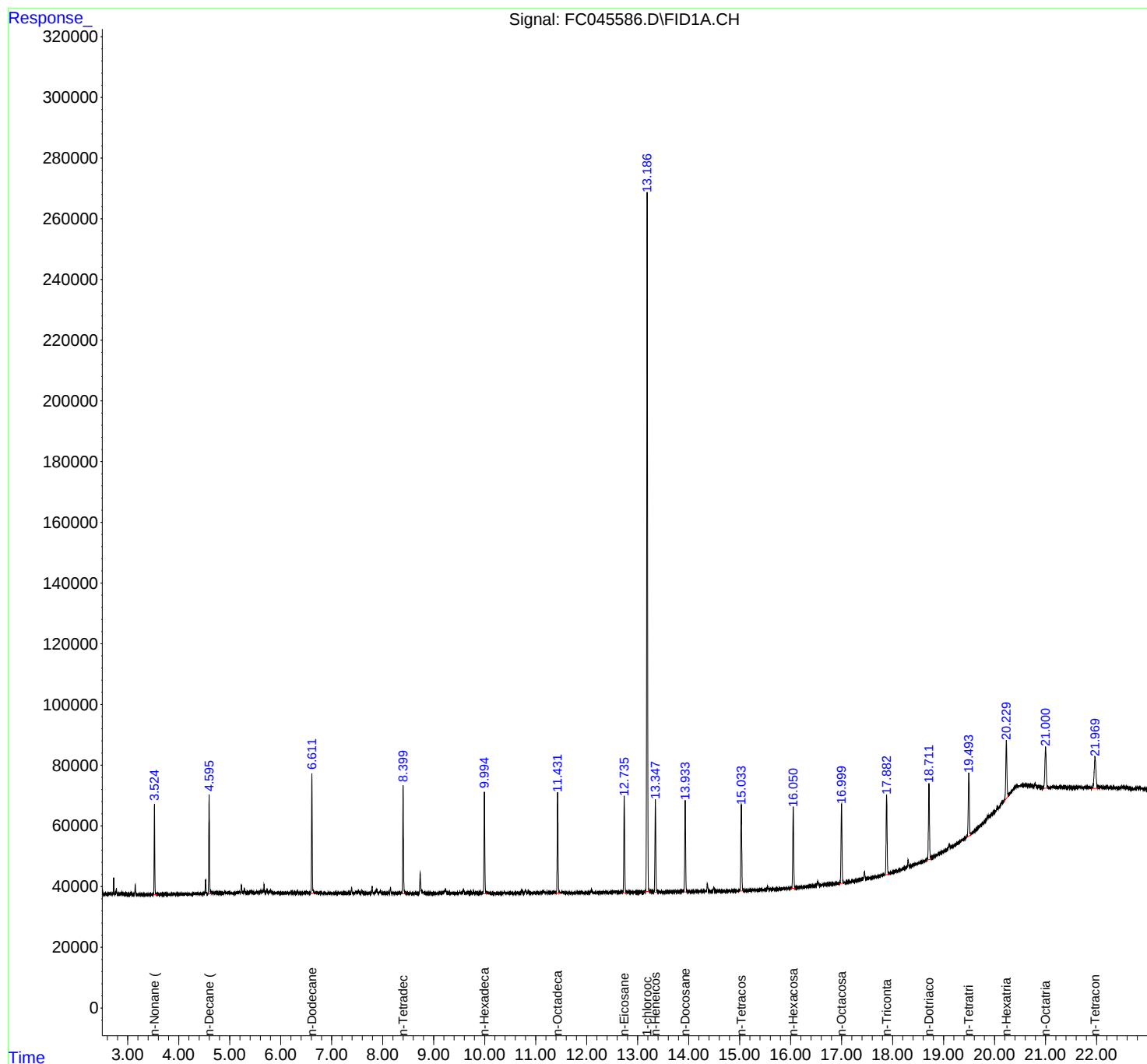
Instrument :
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LOQ-WATER-02-QT1-2020

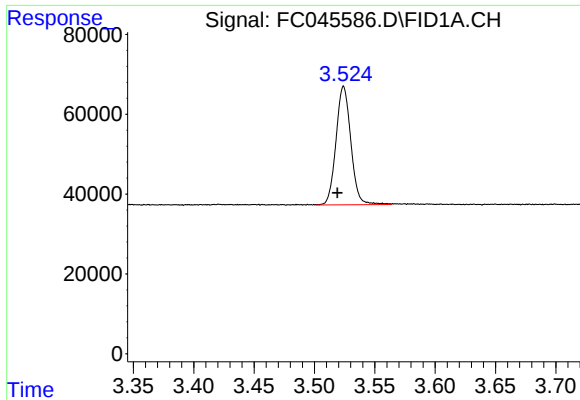
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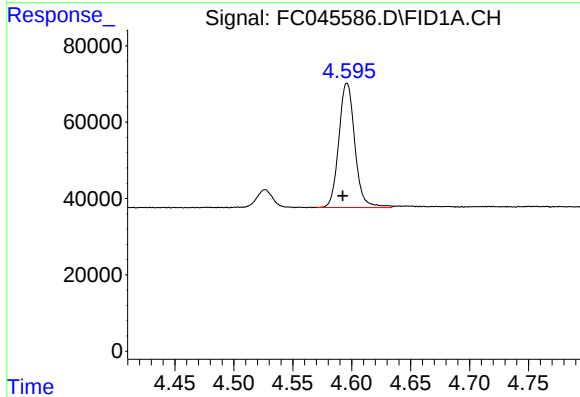
#1 n-Nonane (C9)

R.T.: 3.524 min
Delta R.T.: 0.005 min
Response: 254960
Conc: 2.64 ug/ml m

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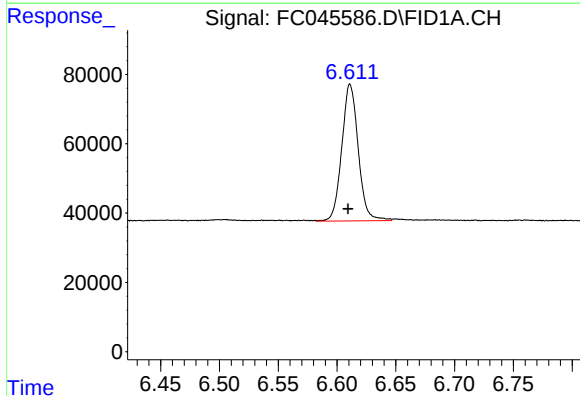
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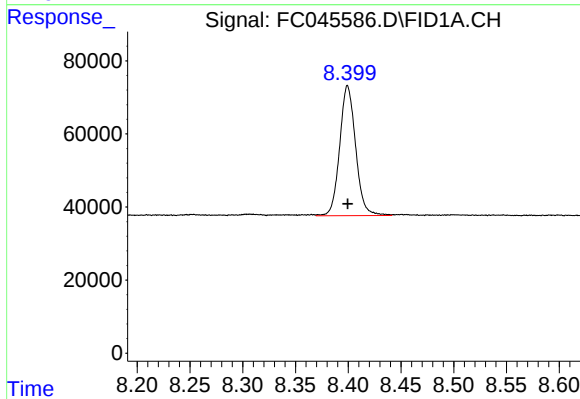
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.003 min
Response: 307387
Conc: 3.17 ug/ml m



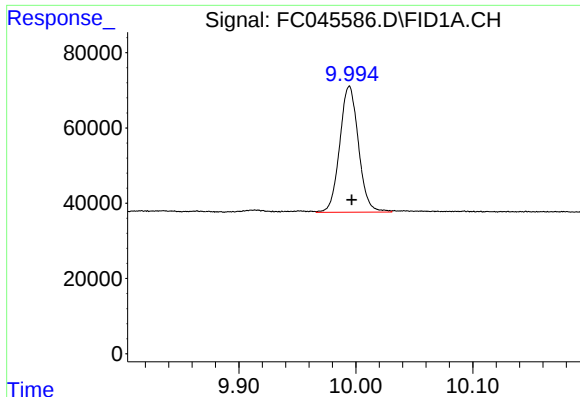
#4 n-Dodecane (C12)

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 385334
Conc: 3.94 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.000 min
Response: 374790
Conc: 3.80 ug/ml m



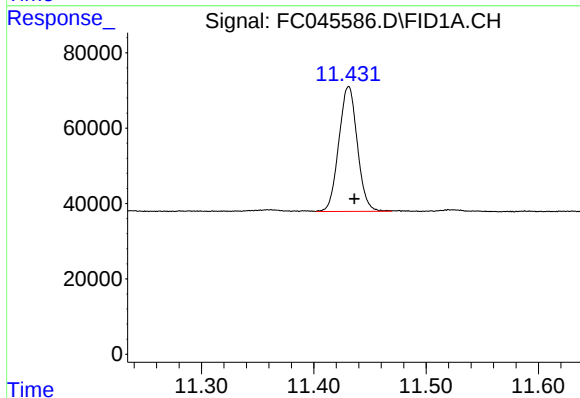
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: -0.002 min
Response: 373745
Conc: 3.73 ug/ml m

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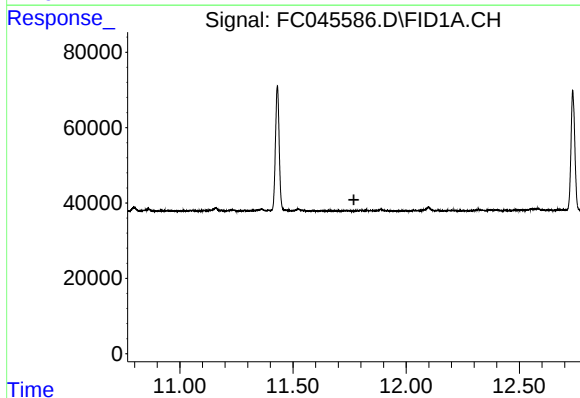
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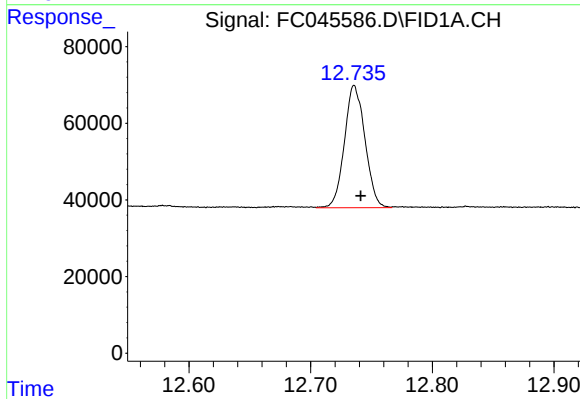
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: -0.005 min
Response: 378832
Conc: 3.72 ug/ml m



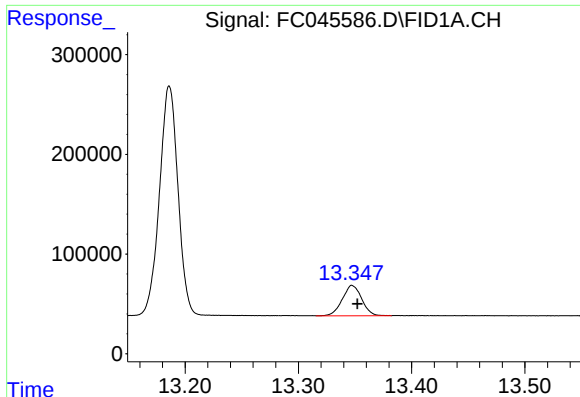
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.769 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: -0.006 min
Response: 374534
Conc: 3.65 ug/ml m



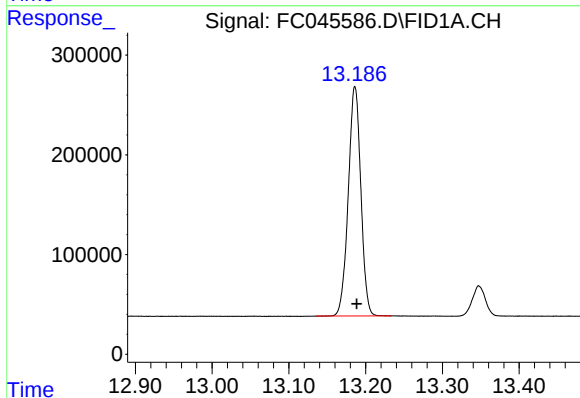
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: -0.005 min
Response: 365105
Conc: 3.53 ug/ml m

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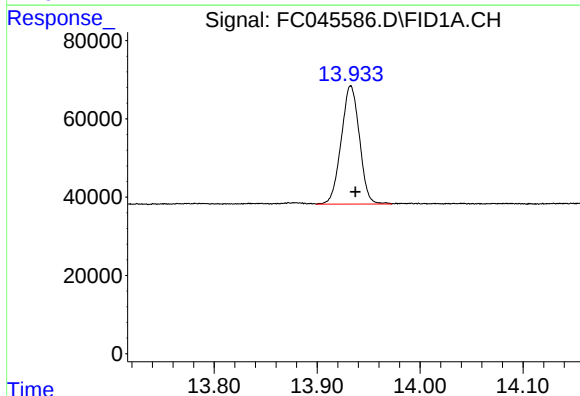
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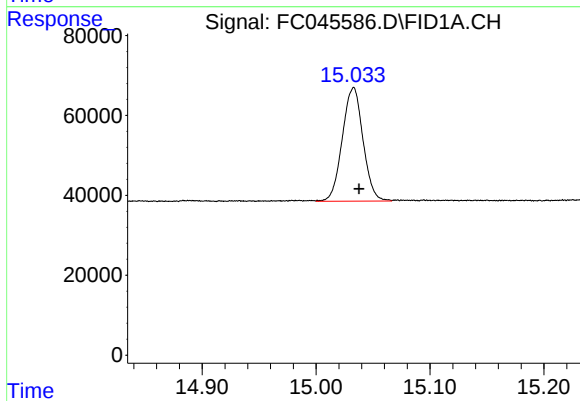
#12 1-chlorooctadecane (SURR)

R.T.: 13.186 min
Delta R.T.: -0.002 min
Response: 2617103
Conc: 30.10 ug/ml



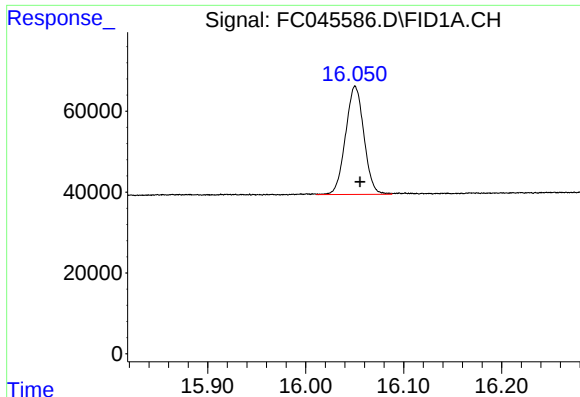
#13 n-Docosane (C22)

R.T.: 13.933 min
Delta R.T.: -0.004 min
Response: 372588
Conc: 3.61 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.033 min
Delta R.T.: -0.005 min
Response: 359608
Conc: 3.46 ug/ml m



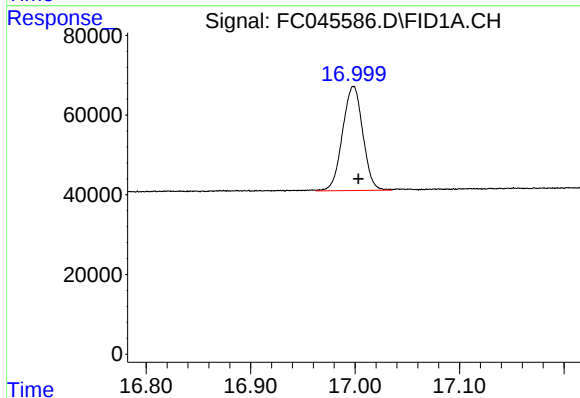
#15 n-Hexacosane (C26)

R.T.: 16.050 min
Delta R.T.: -0.005 min
Response: 348555
Conc: 3.37 ug/ml m

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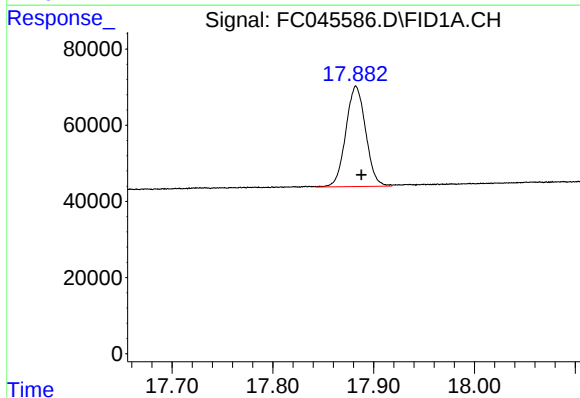
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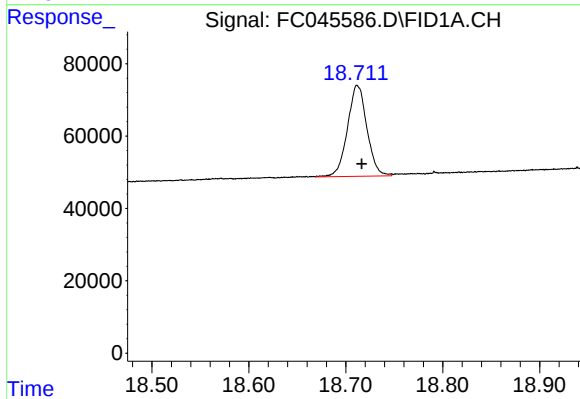
#16 n-Octacosane (C28)

R.T.: 16.999 min
Delta R.T.: -0.004 min
Response: 352459
Conc: 3.45 ug/ml m



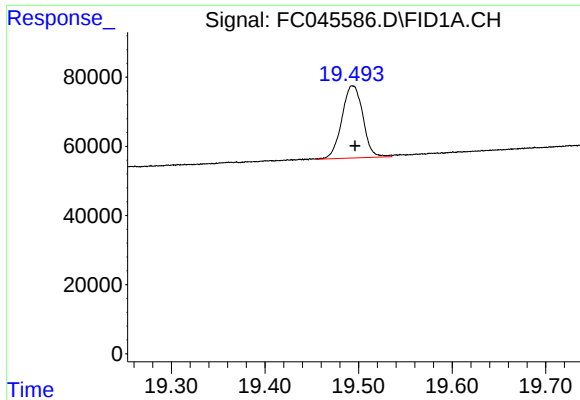
#17 n-Tricontane (C30)

R.T.: 17.882 min
Delta R.T.: -0.006 min
Response: 360348
Conc: 3.67 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.711 min
Delta R.T.: -0.006 min
Response: 350649
Conc: 4.21 ug/ml m



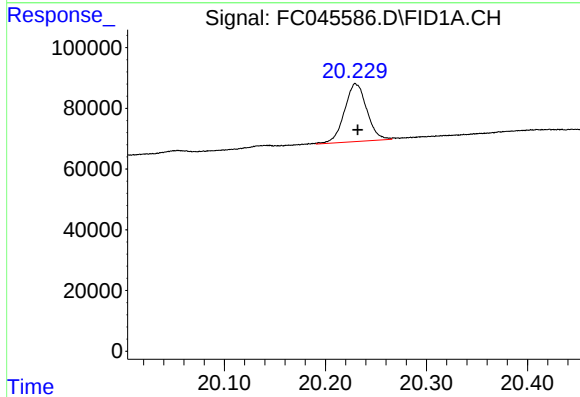
#19 n-Tetratriacontane (C34)

R.T.: 19.493 min
Delta R.T.: -0.003 min
Response: 327171
Conc: 4.62 ug/ml m

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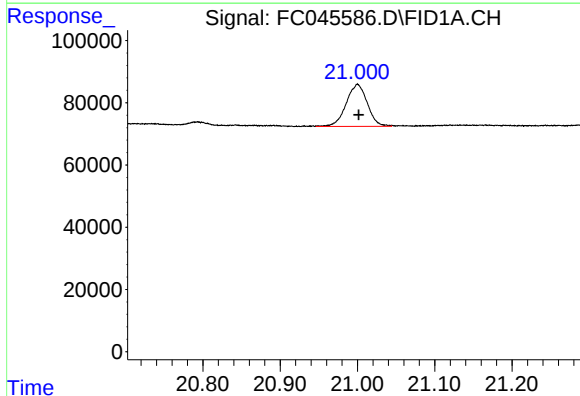
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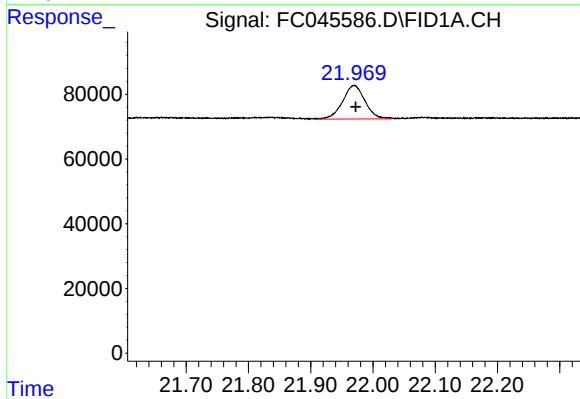
#20 n-Hexatriacontane (C36)

R.T.: 20.229 min
Delta R.T.: -0.003 min
Response: 293295
Conc: 4.57 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.000 min
Delta R.T.: -0.002 min
Response: 256982
Conc: 4.39 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: -0.003 min
Response: 261189
Conc: 4.43 ug/ml m