

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120120AL\
 Data File : FC051044.D
 Signal(s) : FID1A.CH
 Acq On : 01 Dec 2020 18:28
 Operator : DD\AJ
 Sample : PB133326BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB133326BSD

Manual Integrations
 APPROVED

Ankita
 12/2/2020 9:50:39 AM

Integration File: autoint1.e
 Quant Time: Dec 02 00:57:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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...	13.035	2071296	21.233 ug/ml
Spiked Amount 50.000		Recovery =	42.47%
Target Compounds			
1) T n-Nonane (C9)	3.350	2394988	22.505 ug/ml
2) T n-Decane (C10)	4.420	3051757	28.734 ug/ml
4) T n-Dodecane (C12)	6.440	3602324	33.108 ug/ml
6) T n-Tetradecane (C14)	8.237	3794415	35.068 ug/ml
7) T n-Hexadecane (C16)	9.838	3820303	35.599 ug/ml
8) T n-Octadecane (C18)	11.280	3912449	34.302 ug/ml
10) T n-Eicosane (C20)	12.590	3842010	33.072 ug/ml
11) T n-Heneicosane (C21)	13.201	3805118	32.842 ug/ml
13) T n-Docosane (C22)	13.788	3773506	32.580 ug/ml
14) T n-Tetracosane (C24)	14.890	3705541	32.219 ug/ml
15) T n-Hexacosane (C26)	15.910	3585849	31.847 ug/ml
16) T n-Octacosane (C28)	16.859	3567546	32.219 ug/ml
17) T n-Tricontane (C30)	17.747	3505705	33.002 ug/ml
18) T n-Dotriacontane (C32)	18.579	3428451	35.088 ug/ml
19) T n-Tetratriacontane (C34)	19.360	3335207	37.369 ug/ml
20) T n-Hexatriacontane (C36)	20.099	3147608	37.740 ug/ml
21) T n-Octatriacontane (C38)	20.839	2859174	36.715 ug/mlm
22) T n-Tetracontane (C40)	21.762	2908029	35.122 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : PB133326BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

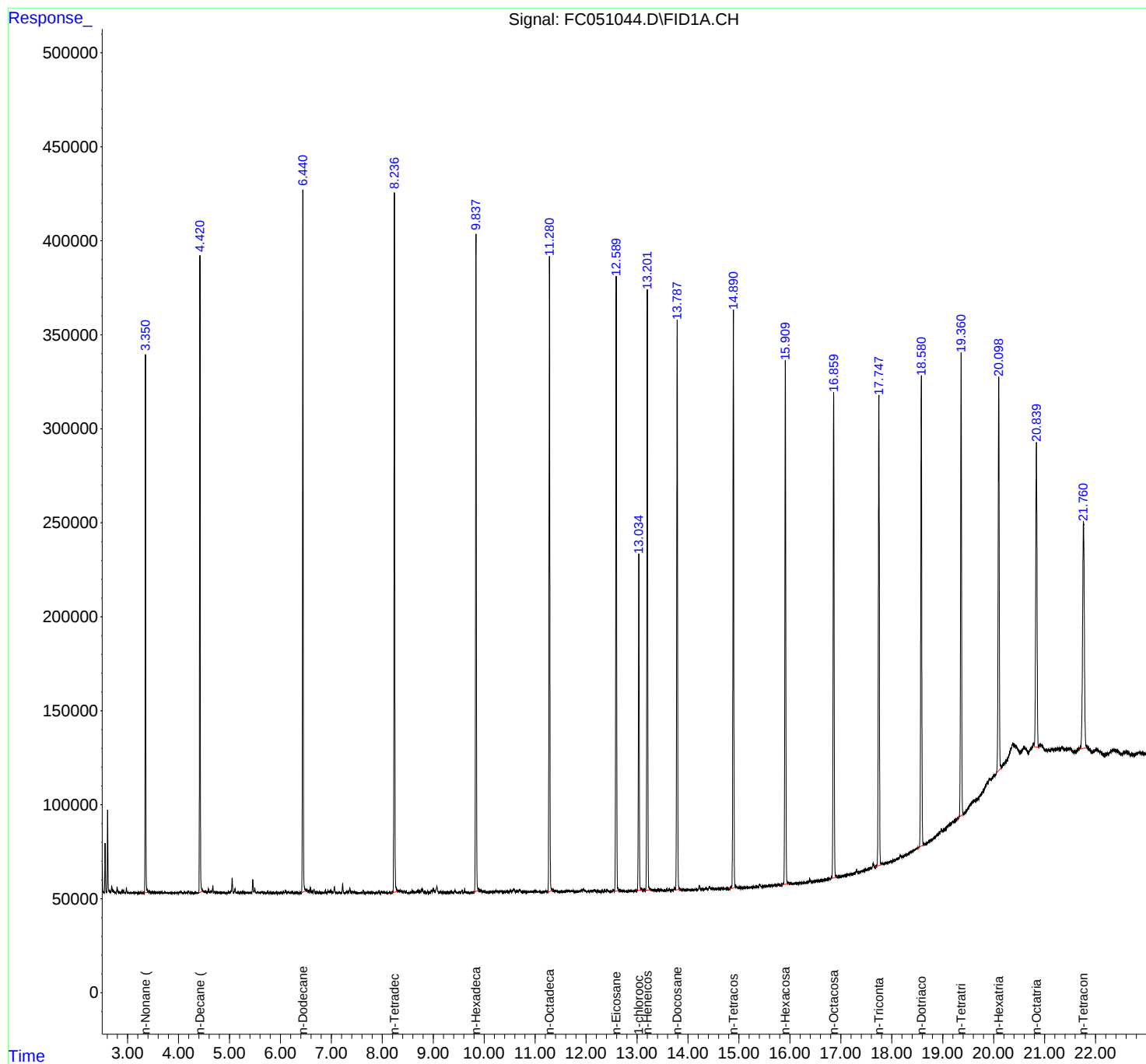
Instrument :
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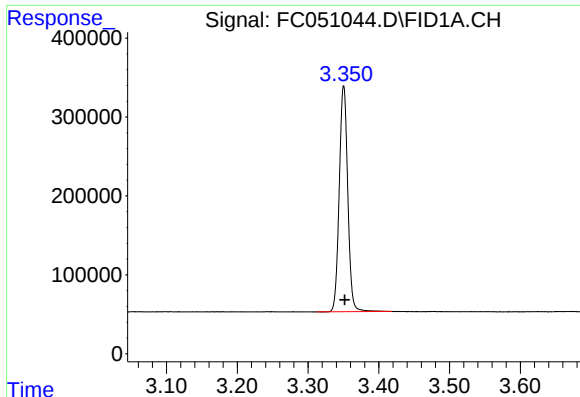
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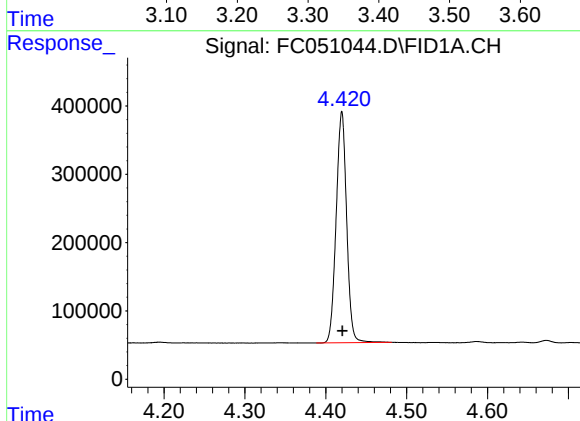
#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 2394988
Conc: 22.50 ug/ml

Instrument :
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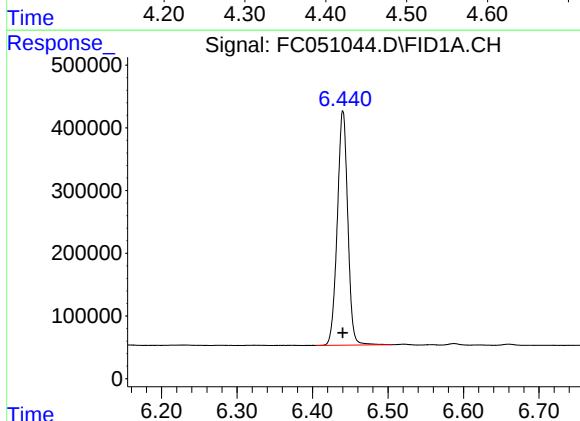
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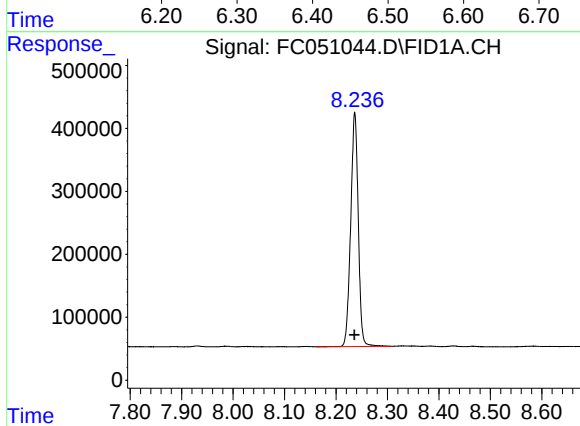
#2 n-Decane (C10)

R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 3051757
Conc: 28.73 ug/ml



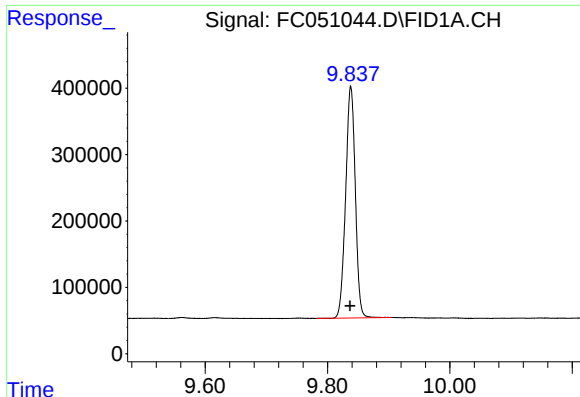
#4 n-Dodecane (C12)

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 3602324
Conc: 33.11 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 3794415
Conc: 35.07 ug/ml



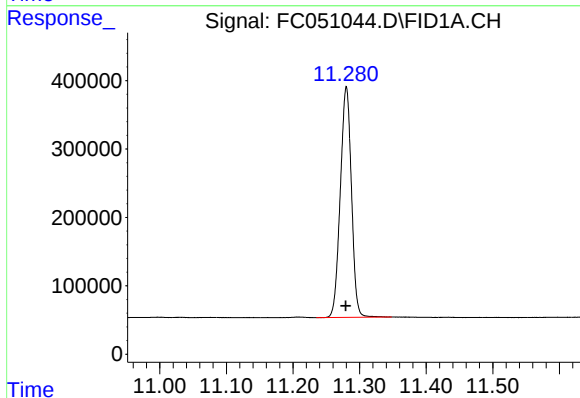
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.000 min
Response: 3820303
Conc: 35.60 ug/ml

Instrument :
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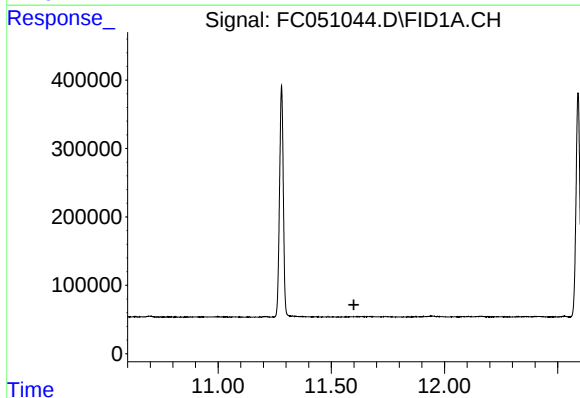
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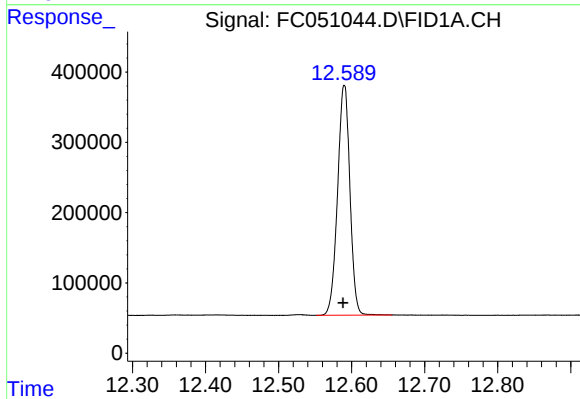
#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: 0.000 min
Response: 3912449
Conc: 34.30 ug/ml



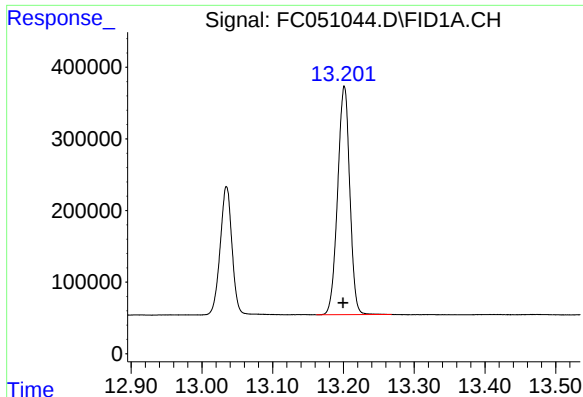
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.600 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.590 min
Delta R.T.: 0.002 min
Response: 3842010
Conc: 33.07 ug/ml



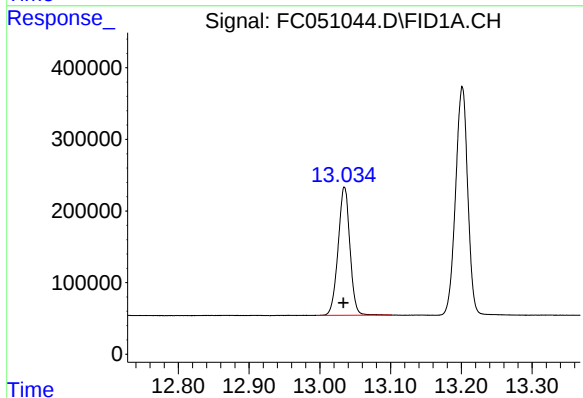
#11 n-Heneicosane (C21)

R.T.: 13.201 min
Delta R.T.: 0.002 min
Response: 3805118
Conc: 32.84 ug/ml

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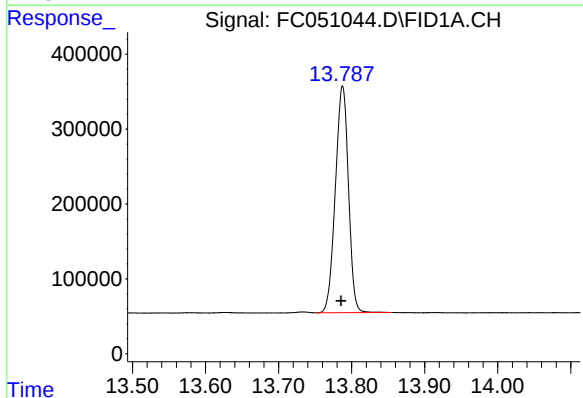
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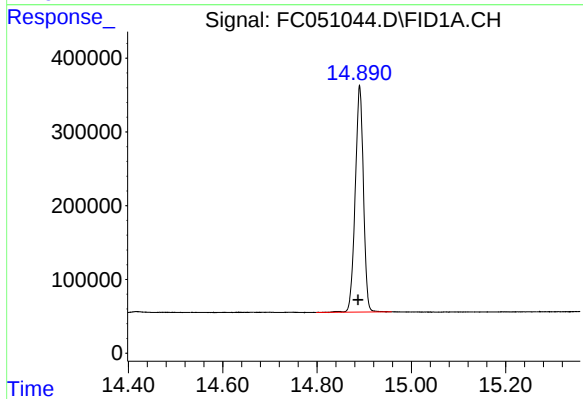
#12 1-chlorooctadecane (SURR)

R.T.: 13.035 min
Delta R.T.: 0.002 min
Response: 2071296
Conc: 21.23 ug/ml



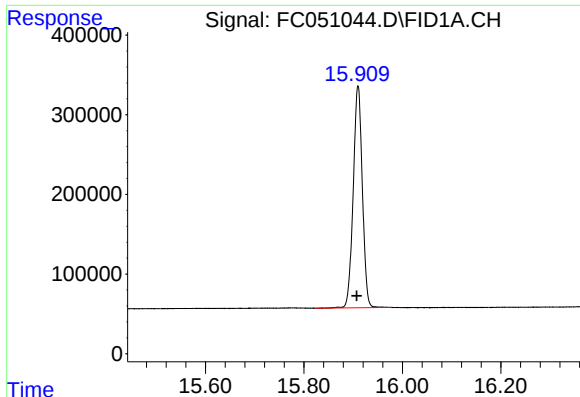
#13 n-Docosane (C22)

R.T.: 13.788 min
Delta R.T.: 0.002 min
Response: 3773506
Conc: 32.58 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.890 min
Delta R.T.: 0.003 min
Response: 3705541
Conc: 32.22 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.910 min

Delta R.T.: 0.003 min

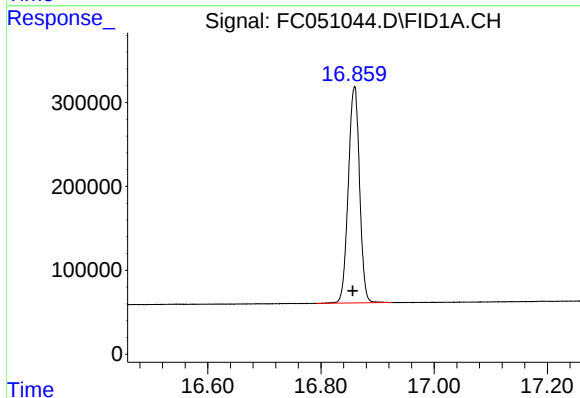
Response: 3585849

Conc: 31.85 ug/ml

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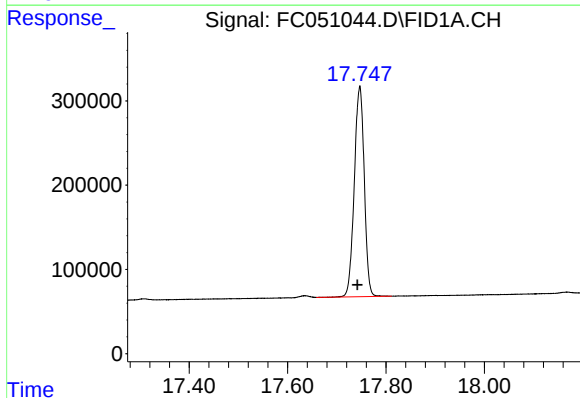
#16 n-Octacosane (C28)

R.T.: 16.859 min

Delta R.T.: 0.003 min

Response: 3567546

Conc: 32.22 ug/ml



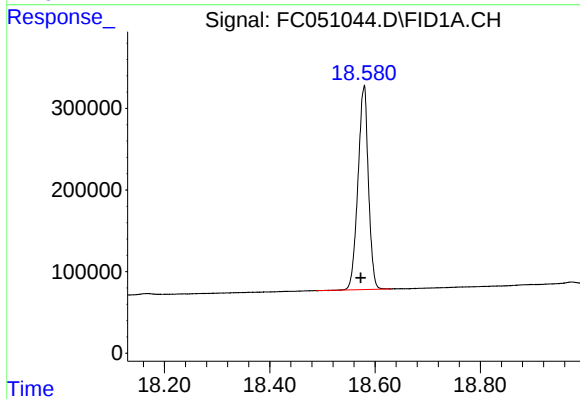
#17 n-Tricontane (C30)

R.T.: 17.747 min

Delta R.T.: 0.005 min

Response: 3505705

Conc: 33.00 ug/ml



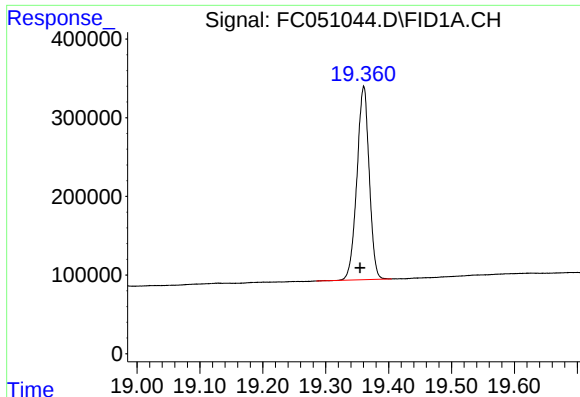
#18 n-Dotriacontane (C32)

R.T.: 18.579 min

Delta R.T.: 0.006 min

Response: 3428451

Conc: 35.09 ug/ml



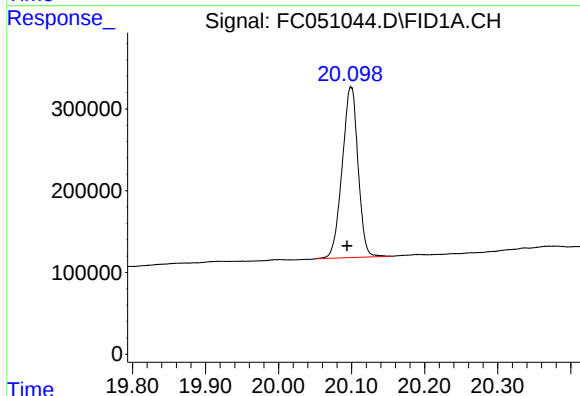
#19 n-Tetratriacontane (C34)

R.T.: 19.360 min
Delta R.T.: 0.006 min
Response: 3335207
Conc: 37.37 ug/ml

Instrument :
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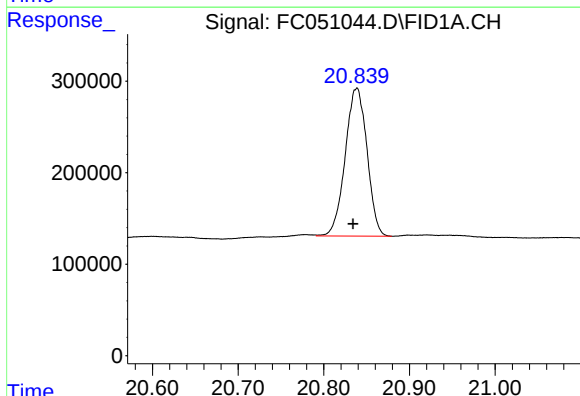
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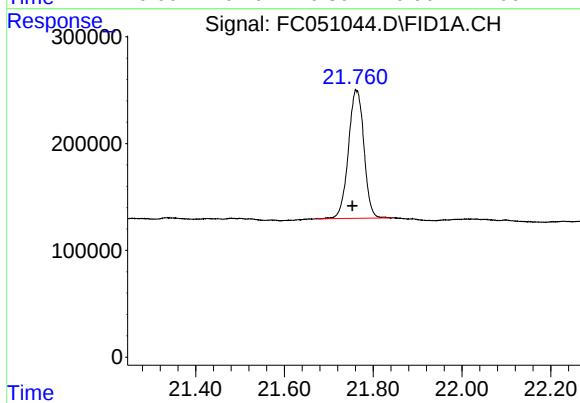
#20 n-Hexatriacontane (C36)

R.T.: 20.099 min
Delta R.T.: 0.005 min
Response: 3147608
Conc: 37.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.839 min
Delta R.T.: 0.005 min
Response: 2859174
Conc: 36.71 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.762 min
Delta R.T.: 0.009 min
Response: 2908029
Conc: 35.12 ug/ml