

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032321AL\
 Data File : FC052675.D
 Signal(s) : FID1A.CH
 Acq On : 24 Mar 2021 8:59
 Operator : DD\AJ
 Sample : M1756-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 HR-03-031921MSD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Mar 24 10:08:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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			
9) S ortho-Terphenyl (SURR)	11.570	5467474	40.789 ug/ml
Spiked Amount 50.000		Recovery =	81.58%
12) S 1-chlorooctadecane (S...	13.006	5003847	46.393 ug/ml
Spiked Amount 50.000		Recovery =	92.79%
Target Compounds			
1) T n-Nonane (C9)	3.327	3874159	33.355 ug/ml
2) T n-Decane (C10)	4.395	5276469	45.027 ug/ml
3) T A~Naphthalene (C11.7)	5.979	6023111	46.004 ug/mlm
4) T n-Dodecane (C12)	6.417	10445219	86.996 ug/mlm
5) T A~2-methylnaphthalene...	7.039	7085839	52.935 ug/mlm
6) T n-Tetradecane (C14)	8.215	9337567	77.204 ug/mlm
7) T n-Hexadecane (C16)	9.812	6992047	58.136 ug/ml
8) T n-Octadecane (C18)	11.253	6063927	48.062 ug/ml
10) T n-Eicosane (C20)	12.562	5734458	44.908 ug/ml
11) T n-Heneicosane (C21)	13.174	5453448	42.904 ug/ml
13) T n-Docosane (C22)	13.759	5419311	42.779 ug/ml
14) T n-Tetracosane (C24)	14.848	9772317	78.228 ug/ml
15) T n-Hexacosane (C26)	15.883	4820121	40.030 ug/ml
16) T n-Octacosane (C28)	16.830	4950488	42.938 ug/ml
17) T n-Tricontane (C30)	17.719	4663013	42.800 ug/ml
18) T n-Dotriacontane (C32)	18.551	4449318	44.343 ug/ml
19) T n-Tetratriacontane (C34)	19.334	4563208	49.644 ug/ml
20) T n-Hexatriacontane (C36)	20.074	4263861	46.759 ug/mlm
21) T n-Octatriacontane (C38)	20.807	4232402	51.858 ug/ml
22) T n-Tetracontane (C40)	21.716	4209143	48.864 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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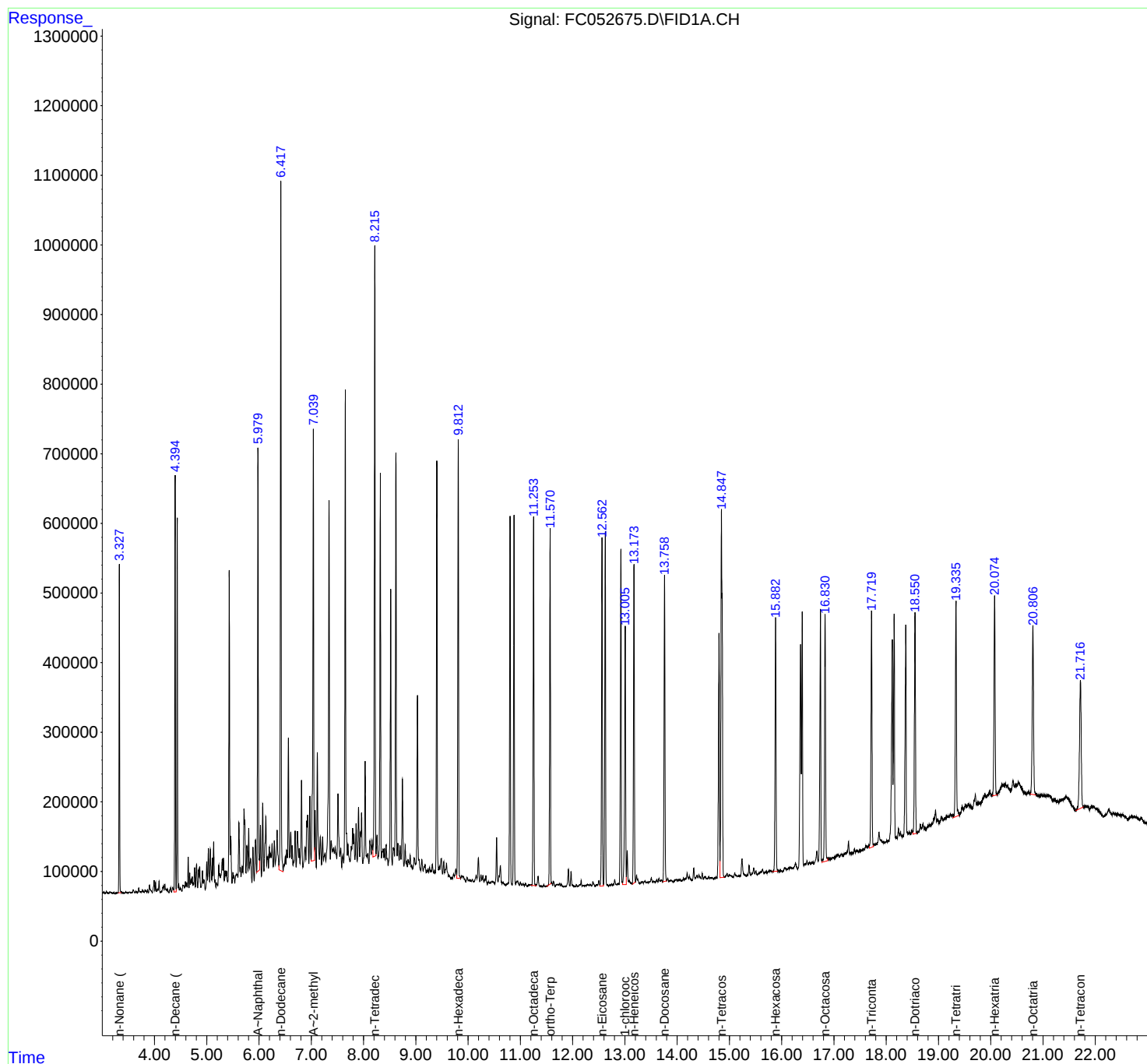
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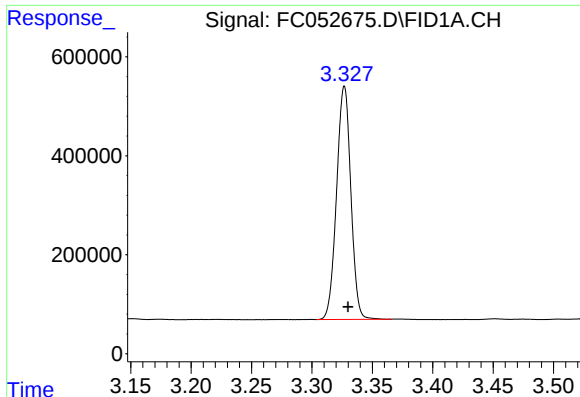
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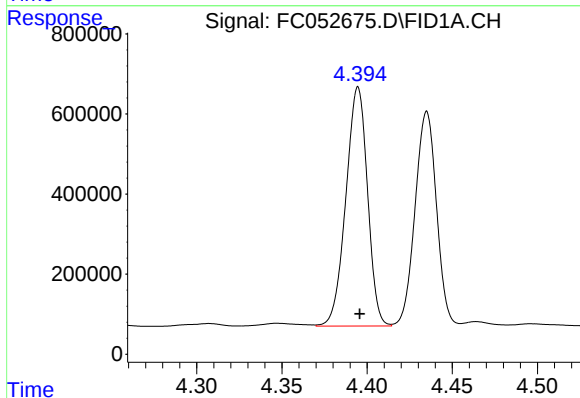
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.003 min
Response: 3874159
Conc: 33.36 ug/ml

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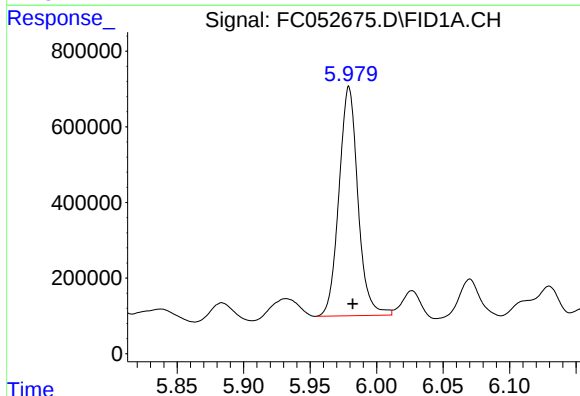
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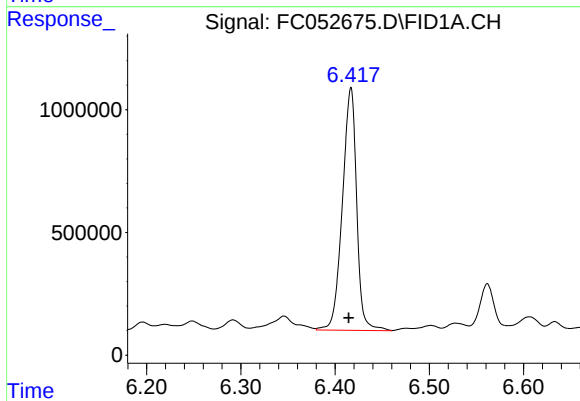
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: 0.000 min
Response: 5276469
Conc: 45.03 ug/ml



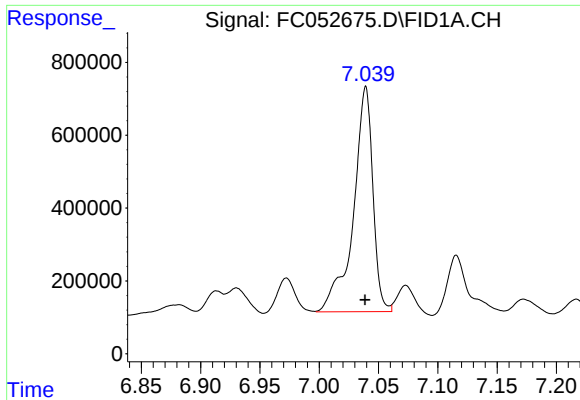
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 6023111
Conc: 46.00 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.417 min
Delta R.T.: 0.002 min
Response: 10445219
Conc: 87.00 ug/ml m



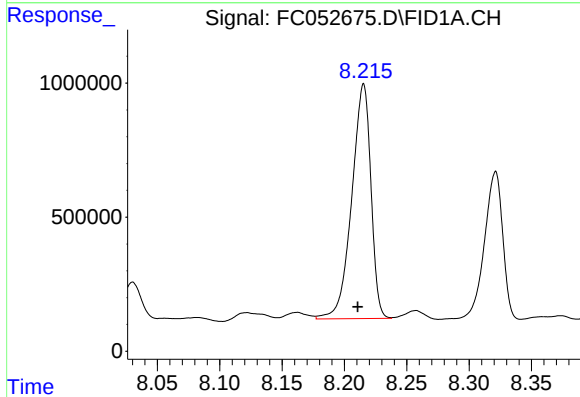
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 7085839
Conc: 52.94 ug/ml m

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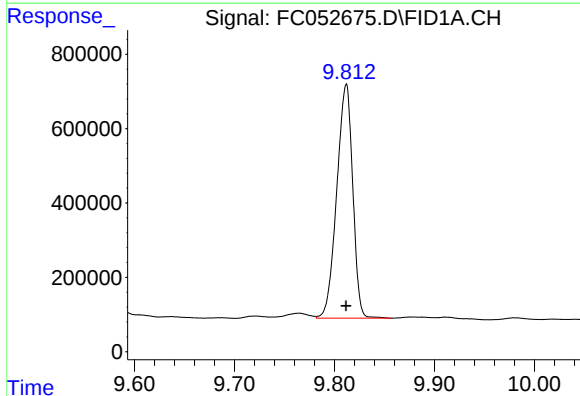
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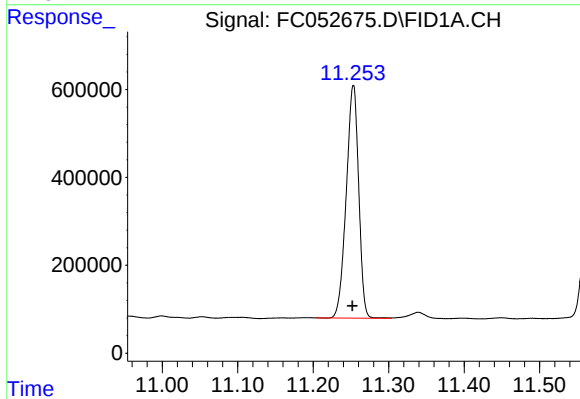
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: 0.004 min
Response: 9337567
Conc: 77.20 ug/ml m



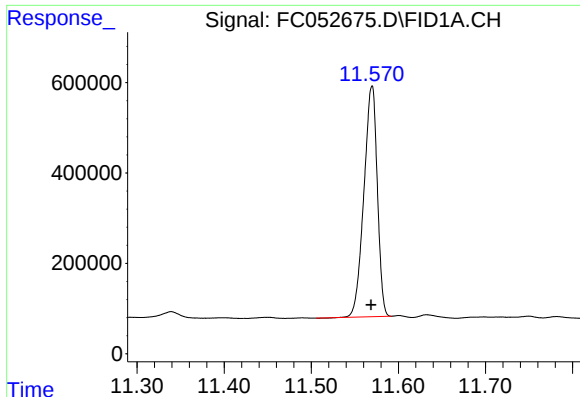
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: 0.000 min
Response: 6992047
Conc: 58.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.253 min
Delta R.T.: 0.001 min
Response: 6063927
Conc: 48.06 ug/ml



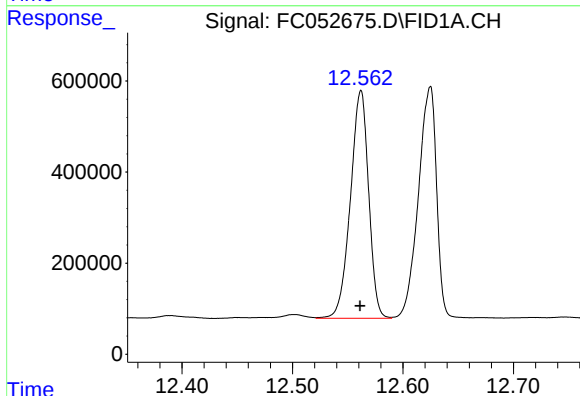
#9 ortho-Terphenyl (SURR)

R.T.: 11.570 min
Delta R.T.: 0.001 min
Response: 5467474
Conc: 40.79 ug/ml

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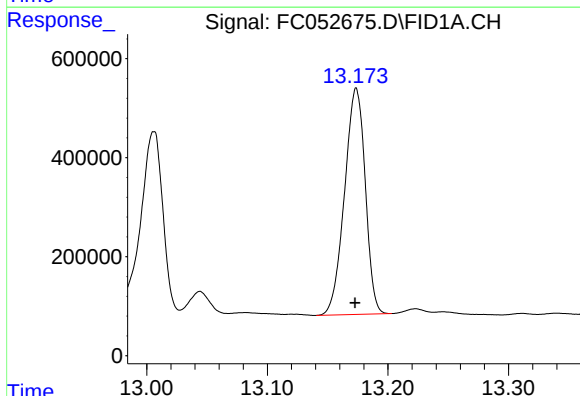
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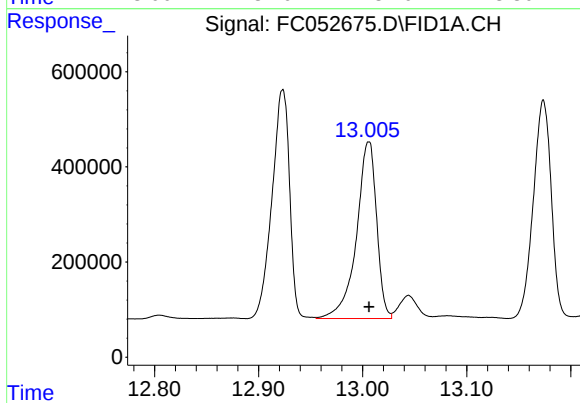
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: 0.000 min
Response: 5734458
Conc: 44.91 ug/ml



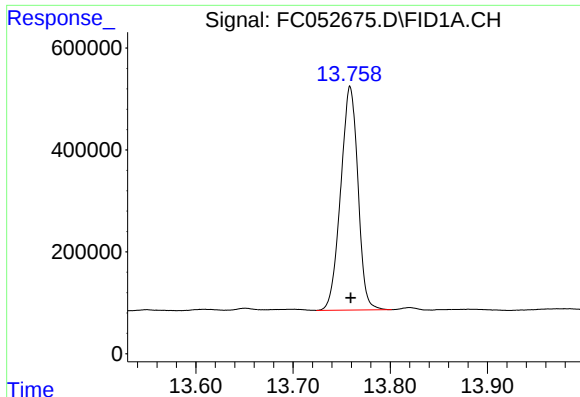
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: 0.000 min
Response: 5453448
Conc: 42.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.006 min
Delta R.T.: 0.000 min
Response: 5003847
Conc: 46.39 ug/ml



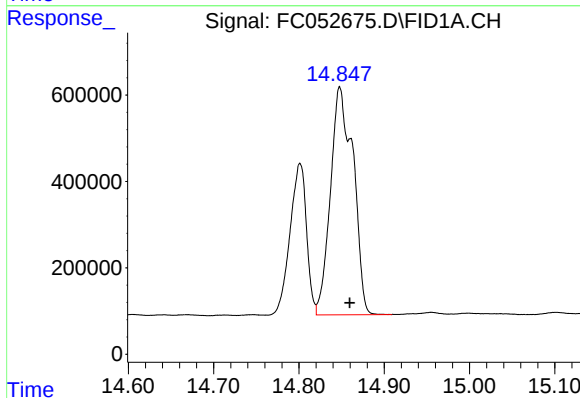
#13 n-Docosane (C22)

R.T.: 13.759 min
Delta R.T.: 0.000 min
Response: 5419311
Conc: 42.78 ug/ml

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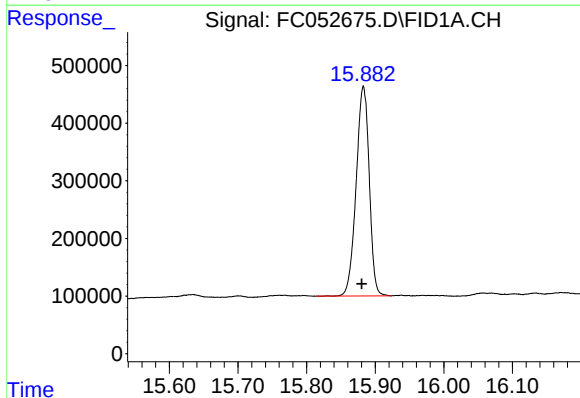
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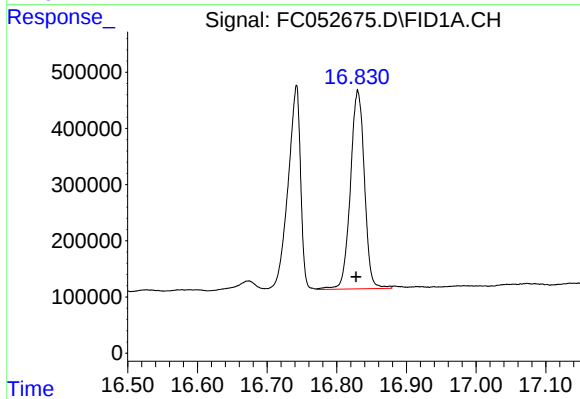
#14 n-Tetracosane (C24)

R.T.: 14.848 min
Delta R.T.: -0.012 min
Response: 9772317
Conc: 78.23 ug/ml



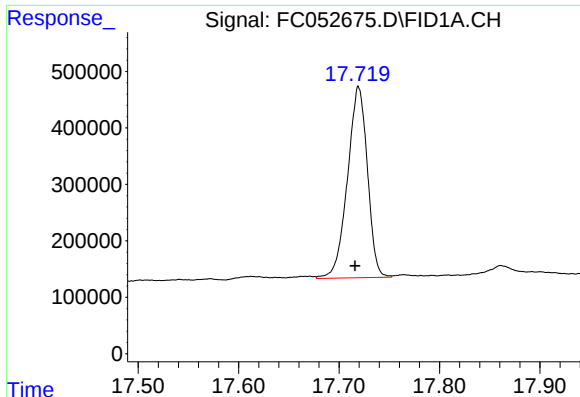
#15 n-Hexacosane (C26)

R.T.: 15.883 min
Delta R.T.: 0.002 min
Response: 4820121
Conc: 40.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.830 min
Delta R.T.: 0.002 min
Response: 4950488
Conc: 42.94 ug/ml



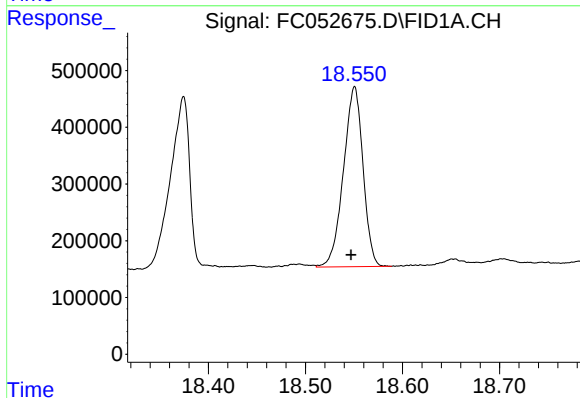
#17 n-Tricontane (C30)

R.T.: 17.719 min
Delta R.T.: 0.004 min
Response: 4663013
Conc: 42.80 ug/ml

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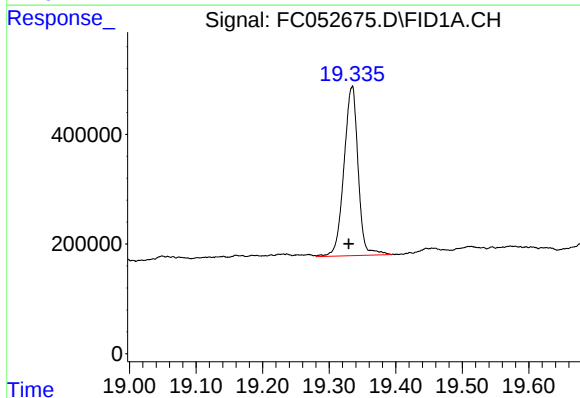
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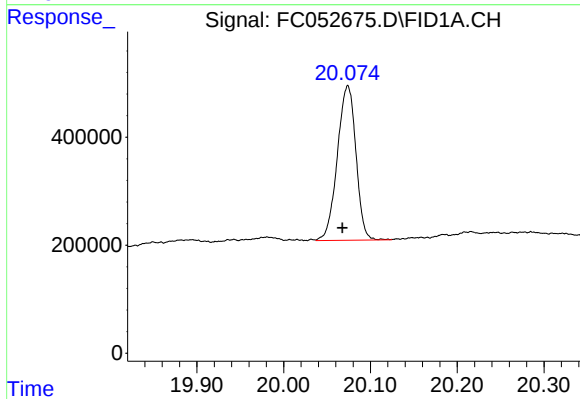
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: 0.004 min
Response: 4449318
Conc: 44.34 ug/ml



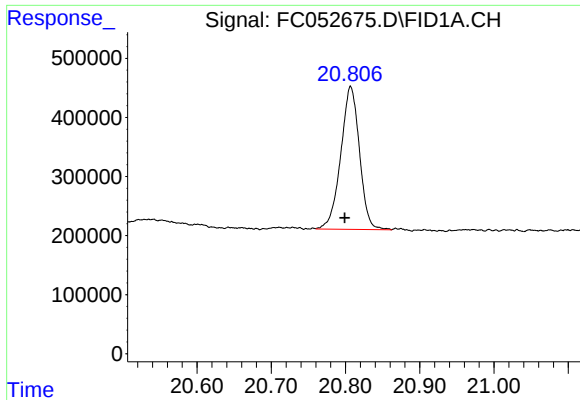
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.005 min
Response: 4563208
Conc: 49.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.074 min
Delta R.T.: 0.006 min
Response: 4263861
Conc: 46.76 ug/ml m



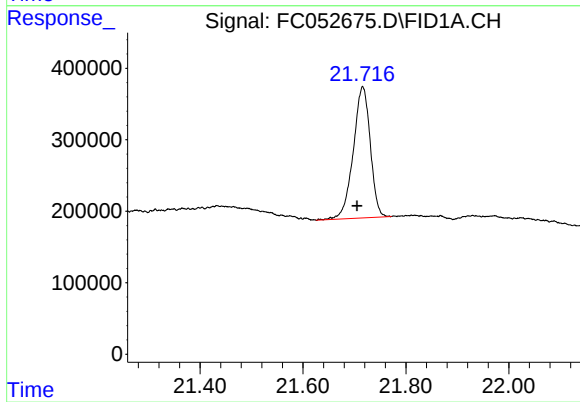
#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.008 min
Response: 4232402
Conc: 51.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.716 min
Delta R.T.: 0.011 min
Response: 4209143
Conc: 48.86 ug/ml