

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120921AL\
 Data File : FC057329.D
 Signal(s) : FID1A.CH
 Acq On : 09 Dec 2021 19:21
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 09 22:04:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 09 22:03:37 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)	11.588	10462622	100.559 ug/ml
Spiked Amount 50.000		Recovery =	201.12%
12) S 1-chlorooctadecane (S...	13.018	8046094	102.819 ug/ml
Spiked Amount 50.000		Recovery =	205.64%
Target Compounds			
1) T n-Nonane (C9)	3.349	9908245	101.367 ug/ml
2) T n-Decane (C10)	4.415	9971615	102.568 ug/ml
3) T A~Naphthalene (C11.7)	6.003	11031115	107.302 ug/ml
4) T n-Dodecane (C12)	6.432	9985714	100.844 ug/ml
5) T A~2-methylnaphthalene...	7.061	11037563	108.887 ug/ml
6) T n-Tetradecane (C14)	8.225	9989522	100.437 ug/ml
7) T n-Hexadecane (C16)	9.825	9961998	100.232 ug/ml
8) T n-Octadecane (C18)	11.267	10083348	99.536 ug/ml
10) T n-Eicosane (C20)	12.573	9813786	99.310 ug/ml
11) T n-Heneicosane (C21)	13.185	9778152	99.871 ug/ml
13) T n-Docosane (C22)	13.770	9593558	99.979 ug/ml
14) T n-Tetracosane (C24)	14.871	9408922	99.520 ug/ml
15) T n-Hexacosane (C26)	15.890	8991231	100.807 ug/ml
16) T n-Octacosane (C28)	16.838	8744217	100.057 ug/ml
17) T n-Tricontane (C30)	17.724	8510921	99.727 ug/ml
18) T n-Dotriacontane (C32)	18.553	8284690	99.118 ug/ml
19) T n-Tetratriacontane (C34)	19.334	8364889	99.479 ug/ml
20) T n-Hexatriacontane (C36)	20.071	8227399	99.889 ug/ml
21) T n-Octatriacontane (C38)	20.806	8008876	101.555 ug/ml
22) T n-Tetracontane (C40)	21.711	8042671	103.796 ug/ml

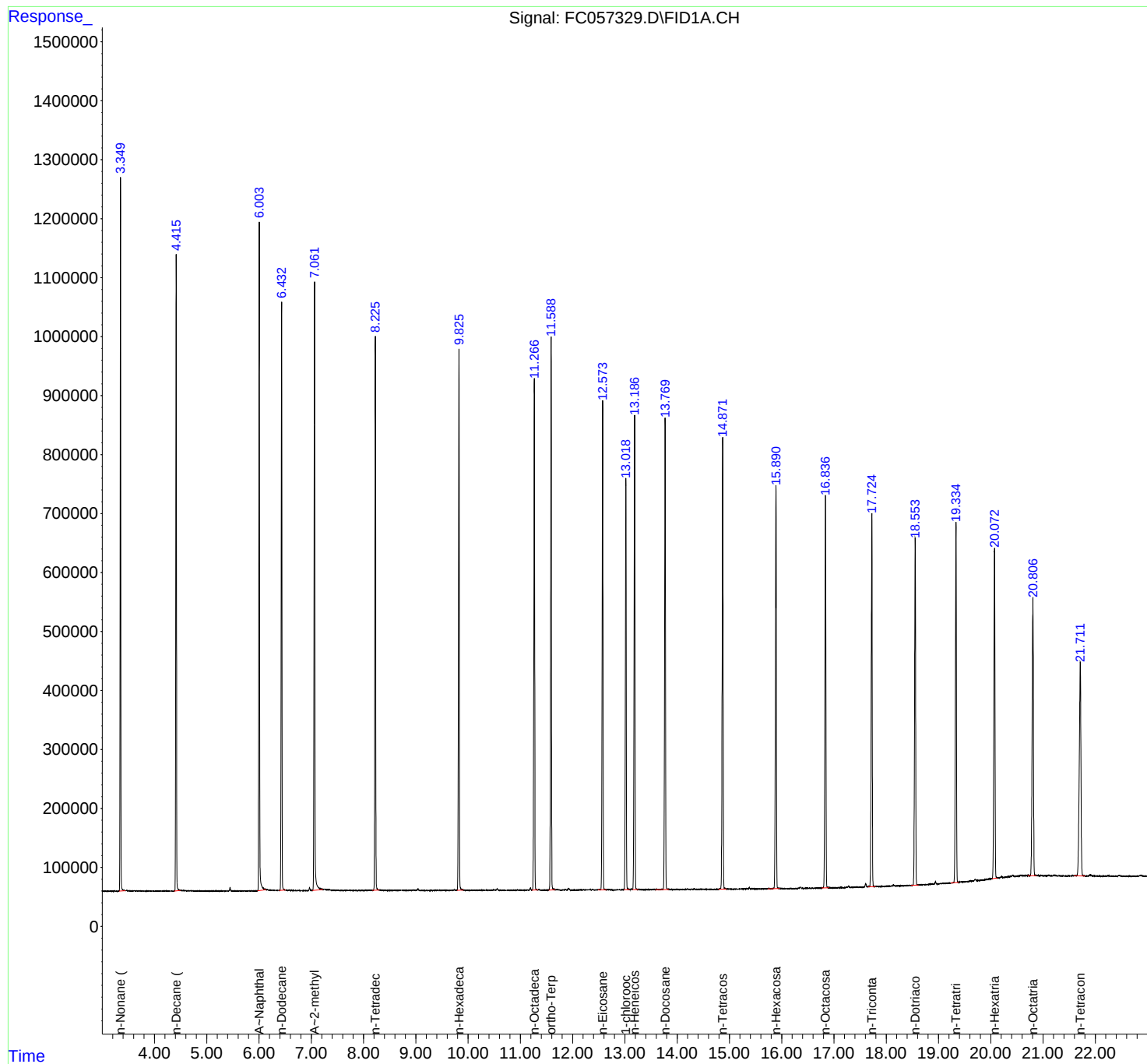
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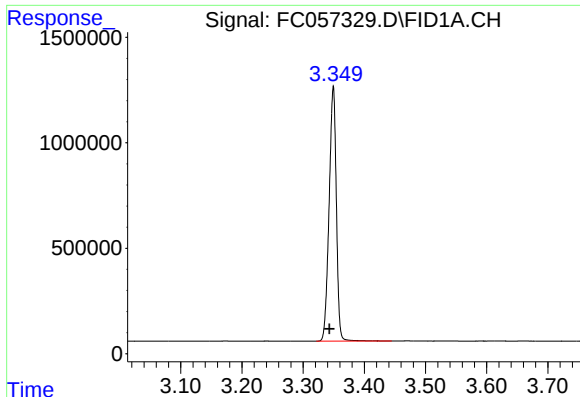
(m)=manual int.

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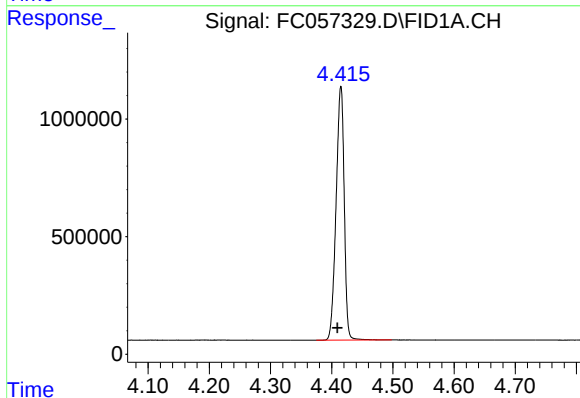
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Signal Info : 20M x 0.18mm x 0.18um





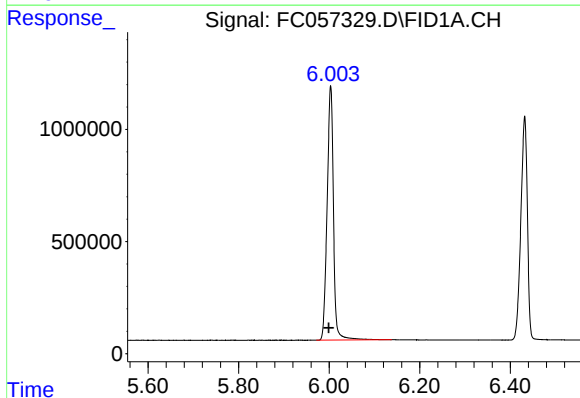
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: 0.006 min
Response: 9908245
Conc: 101.37 ug/ml



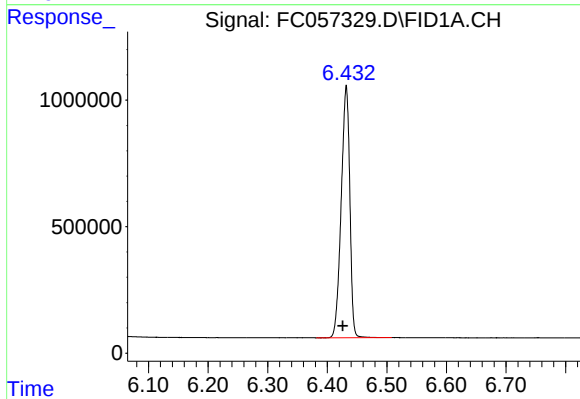
#2 n-Decane (C10)

R.T.: 4.415 min
Delta R.T.: 0.005 min
Response: 9971615
Conc: 102.57 ug/ml



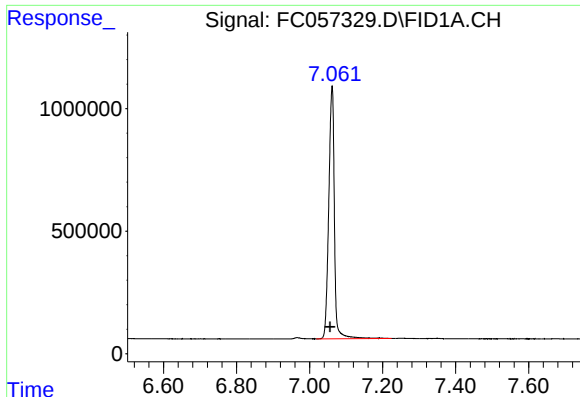
#3 A~Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: 0.004 min
Response: 11031115
Conc: 107.30 ug/ml



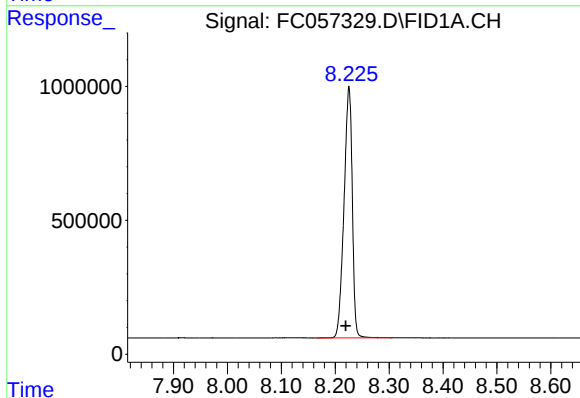
#4 n-Dodecane (C12)

R.T.: 6.432 min
Delta R.T.: 0.005 min
Response: 9985714
Conc: 100.84 ug/ml



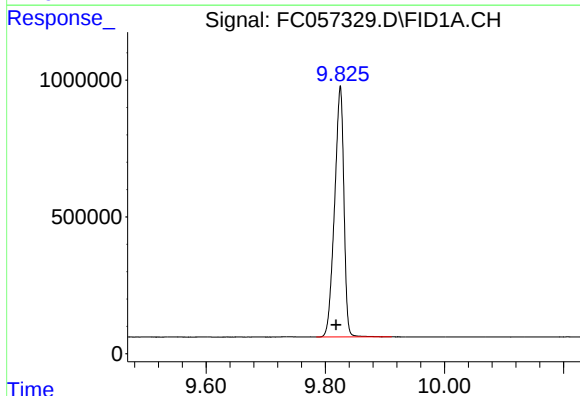
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.061 min
Delta R.T.: 0.005 min
Response: 11037563
Conc: 108.89 ug/ml



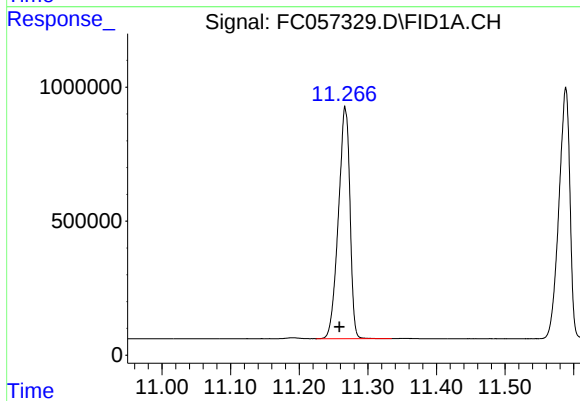
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: 0.005 min
Response: 9989522
Conc: 100.44 ug/ml



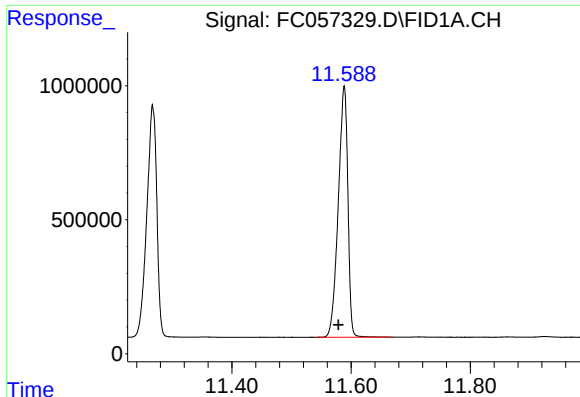
#7 n-Hexadecane (C16)

R.T.: 9.825 min
Delta R.T.: 0.006 min
Response: 9961998
Conc: 100.23 ug/ml



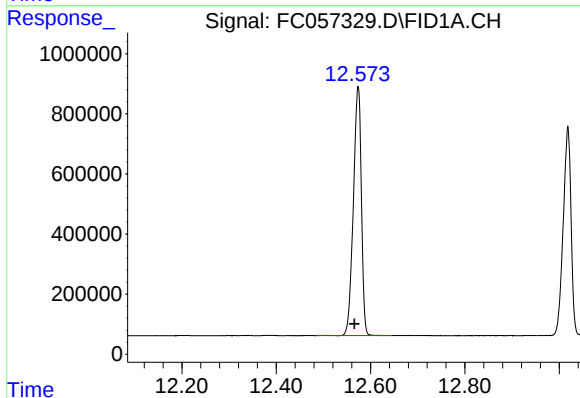
#8 n-Octadecane (C18)

R.T.: 11.267 min
Delta R.T.: 0.009 min
Response: 10083348
Conc: 99.54 ug/ml



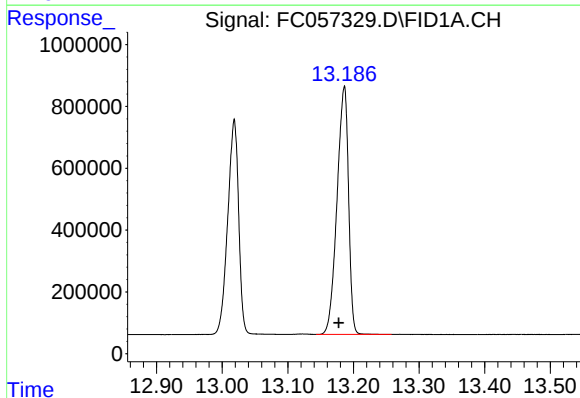
#9 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: 0.009 min
Response: 10462622
Conc: 100.56 ug/ml



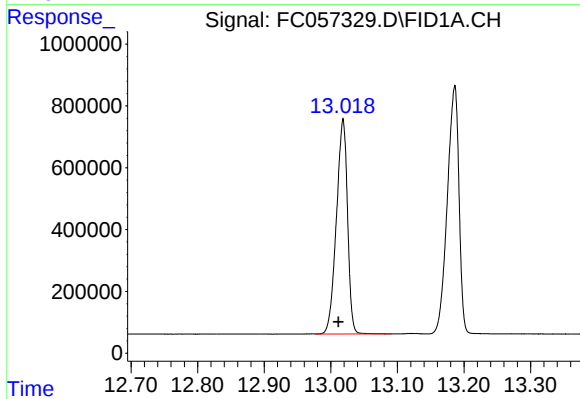
#10 n-Eicosane (C20)

R.T.: 12.573 min
Delta R.T.: 0.007 min
Response: 9813786
Conc: 99.31 ug/ml



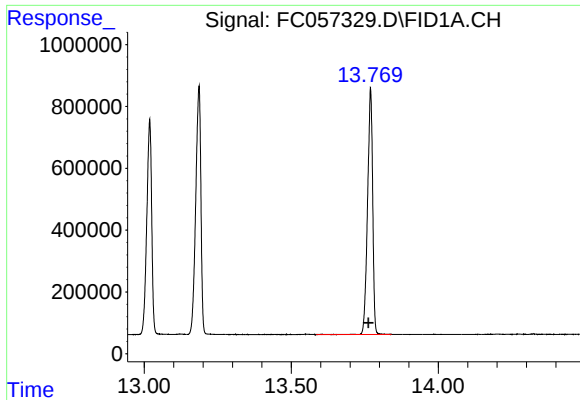
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: 0.008 min
Response: 9778152
Conc: 99.87 ug/ml



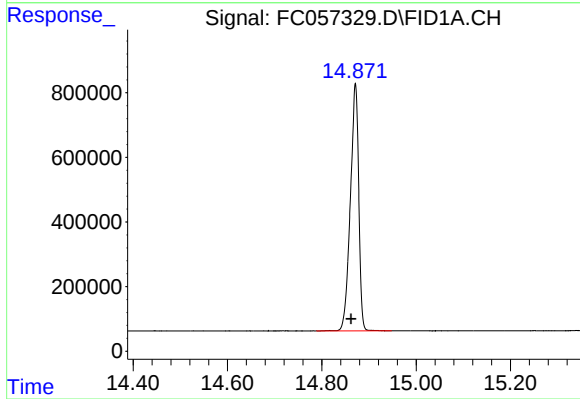
#12 1-chlorooctadecane (SURR)

R.T.: 13.018 min
Delta R.T.: 0.007 min
Response: 8046094
Conc: 102.82 ug/ml



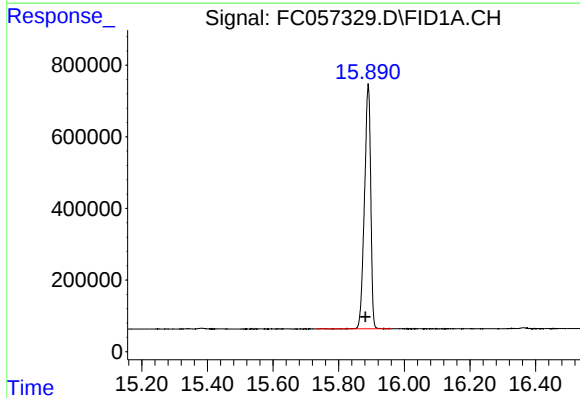
#13 n-Docosane (C22)

R.T.: 13.770 min
Delta R.T.: 0.007 min
Response: 9593558
Conc: 99.98 ug/ml



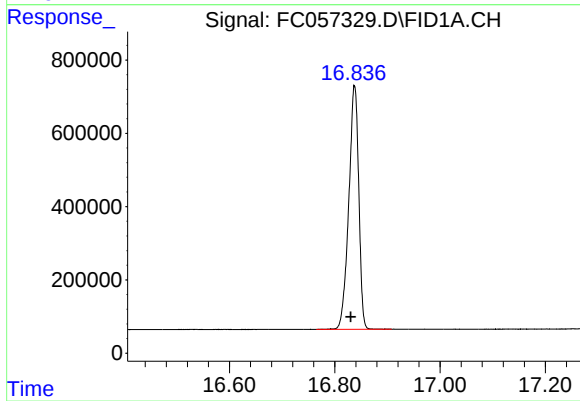
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: 0.009 min
Response: 9408922
Conc: 99.52 ug/ml



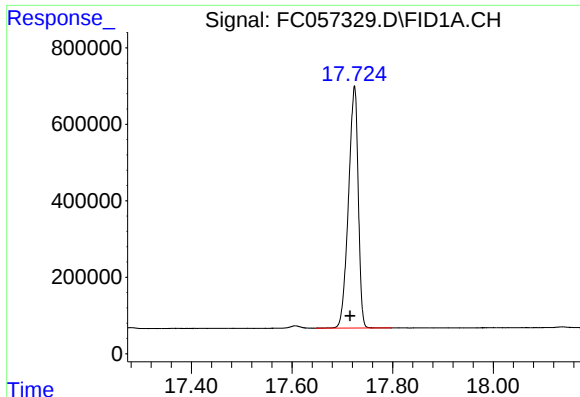
#15 n-Hexacosane (C26)

R.T.: 15.890 min
Delta R.T.: 0.008 min
Response: 8991231
Conc: 100.81 ug/ml



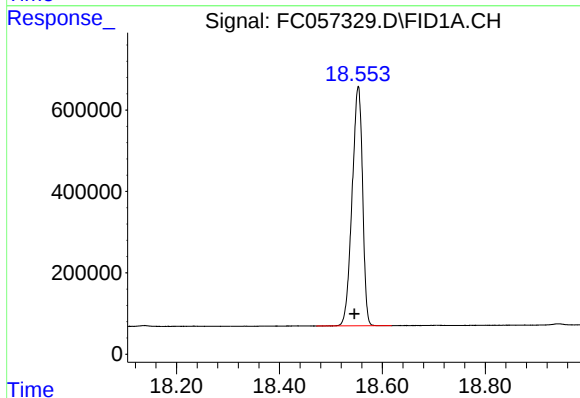
#16 n-Octacosane (C28)

R.T.: 16.838 min
Delta R.T.: 0.007 min
Response: 8744217
Conc: 100.06 ug/ml



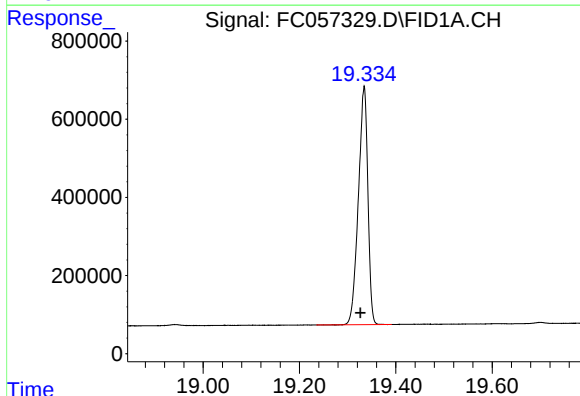
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: 0.008 min
Response: 8510921
Conc: 99.73 ug/ml



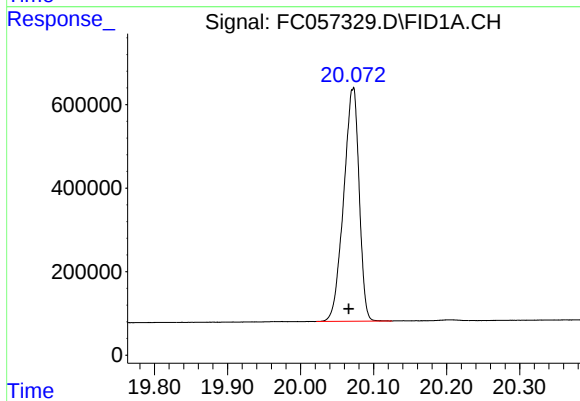
#18 n-Dotriacontane (C32)

R.T.: 18.553 min
Delta R.T.: 0.007 min
Response: 8284690
Conc: 99.12 ug/ml



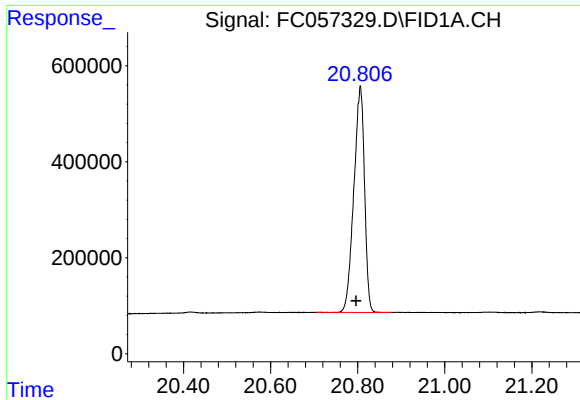
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.007 min
Response: 8364889
Conc: 99.48 ug/ml



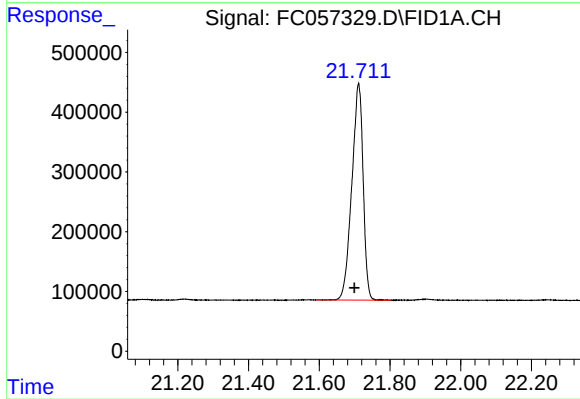
#20 n-Hexatriacontane (C36)

R.T.: 20.071 min
Delta R.T.: 0.006 min
Response: 8227399
Conc: 99.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: 0.010 min
Response: 8008876
Conc: 101.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.711 min
Delta R.T.: 0.012 min
Response: 8042671
Conc: 103.80 ug/ml