

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081820AL\
 Data File : FC049066.D
 Signal(s) : FID1A.CH
 Acq On : 18 Aug 2020 9:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 18 13:30:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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			
9) S ortho-Terphenyl (SURR)	11.678	2596643	21.855 ug/ml
Spiked Amount 50.000		Recovery =	43.71%
12) S 1-chlorooctadecane (S...	13.109	2115075	21.742 ug/ml
Spiked Amount 50.000		Recovery =	43.48%
Target Compounds			
1) T n-Nonane (C9)	3.408	2280694	21.867 ug/ml
2) T n-Decane (C10)	4.484	2320004	22.119 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2639028	22.314 ug/ml
4) T n-Dodecane (C12)	6.510	2365671	22.304 ug/ml
5) T A~2-methylnaphthalene...	7.142	2702300	22.413 ug/ml
6) T n-Tetradecane (C14)	8.308	2368064	22.487 ug/ml
7) T n-Hexadecane (C16)	9.911	2346984	22.360 ug/ml
8) T n-Octadecane (C18)	11.354	2442457	22.232 ug/ml
10) T n-Eicosane (C20)	12.664	2450419	22.020 ug/ml
11) T n-Heneicosane (C21)	13.275	2436314	21.810 ug/ml
13) T n-Docosane (C22)	13.862	2428733	21.608 ug/ml
14) T n-Tetracosane (C24)	14.963	2379766	20.932 ug/ml
15) T n-Hexacosane (C26)	15.983	2288076	19.997 ug/ml
16) T n-Octacosane (C28)	16.932	2204461	18.948 ug/ml
17) T n-Tricontane (C30)	17.818	2091158	18.090 ug/ml
18) T n-Dotriacontane (C32)	18.648	1894320	17.520 ug/ml
19) T n-Tetratriacontane (C34)	19.429	1784789	17.208 ug/ml
20) T n-Hexatriacontane (C36)	20.169	1715061	17.249 ug/ml
21) T n-Octatriacontane (C38)	20.922	1658462	17.538 ug/ml
22) T n-Tetracontane (C40)	21.872	1722417	18.042 ug/ml

(f)=RT Delta > 1/2 Window

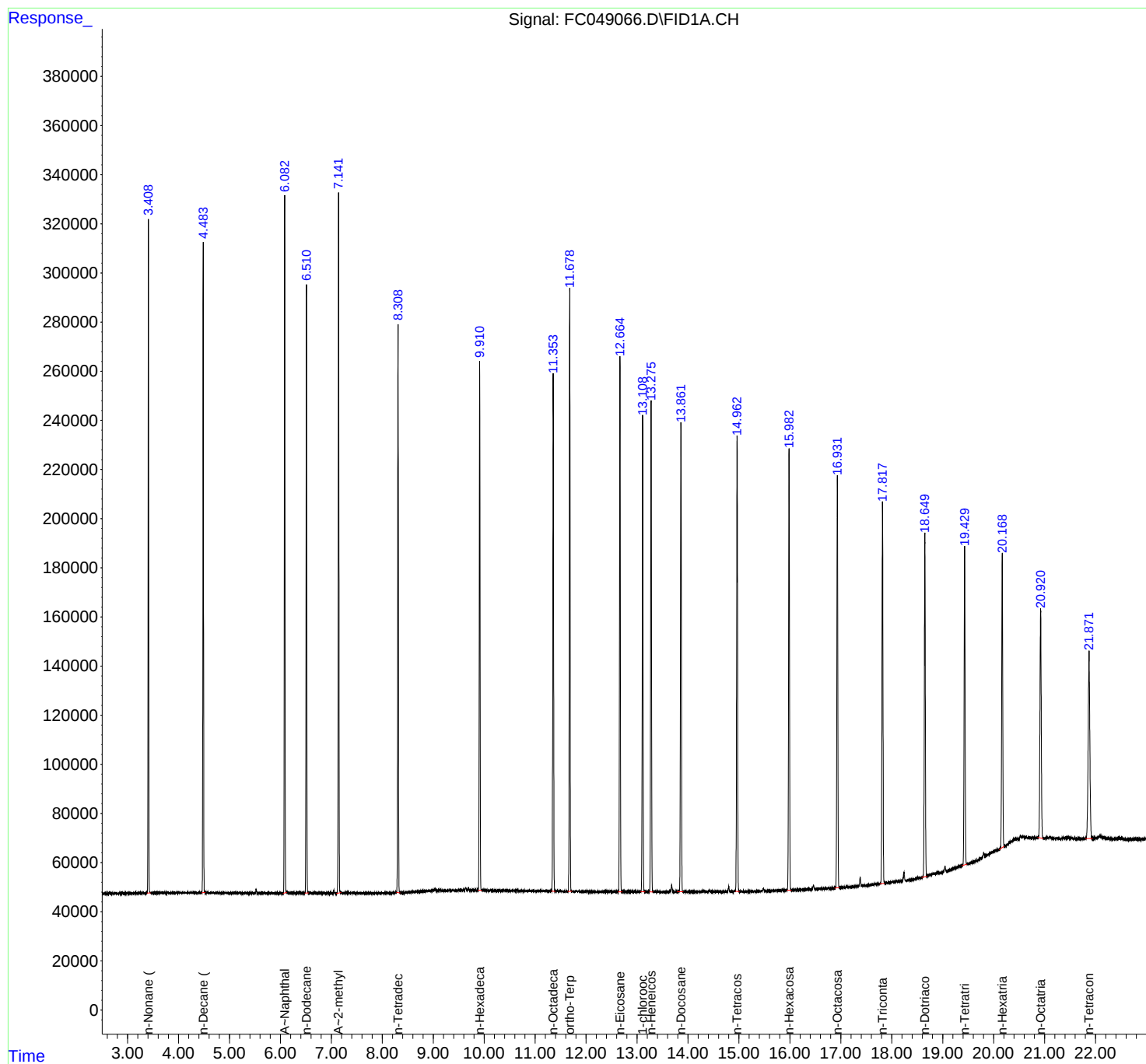
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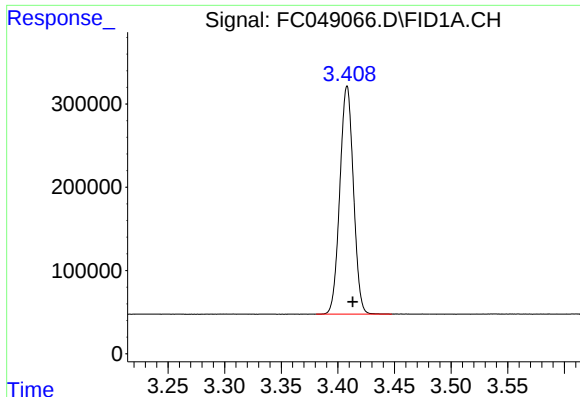
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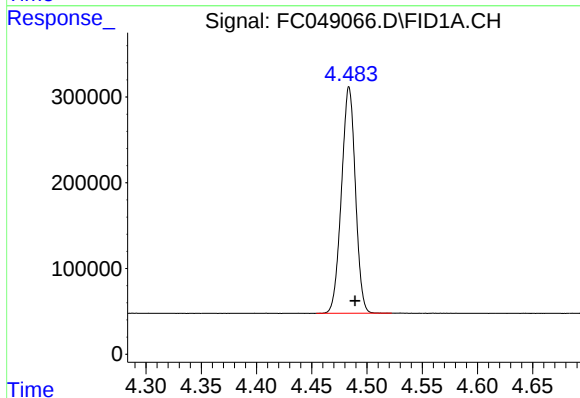




#1 n-Nonane (C9)

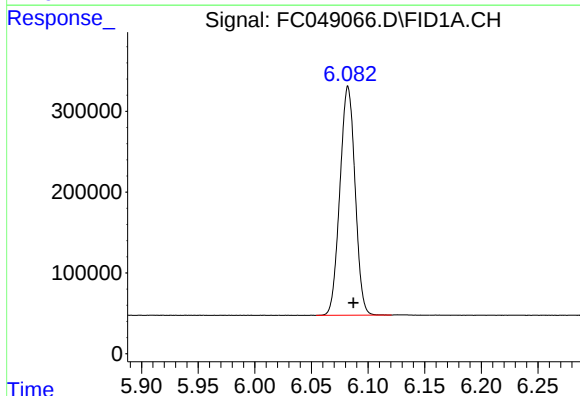
R.T.: 3.408 min
Delta R.T.: -0.005 min
Response: 2280694
Conc: 21.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



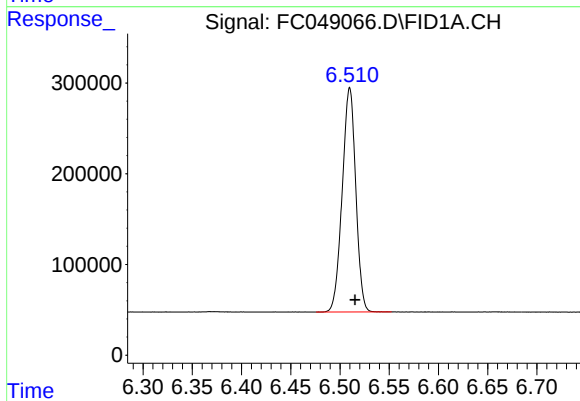
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.005 min
Response: 2320004
Conc: 22.12 ug/ml



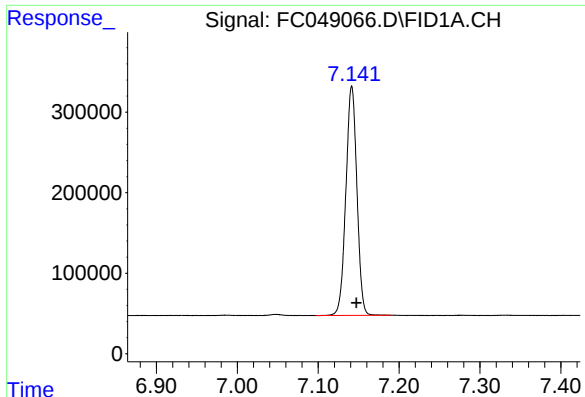
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.005 min
Response: 2639028
Conc: 22.31 ug/ml



#4 n-Dodecane (C12)

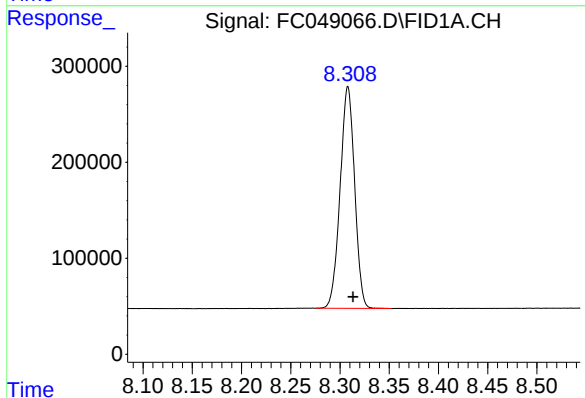
R.T.: 6.510 min
Delta R.T.: -0.005 min
Response: 2365671
Conc: 22.30 ug/ml



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

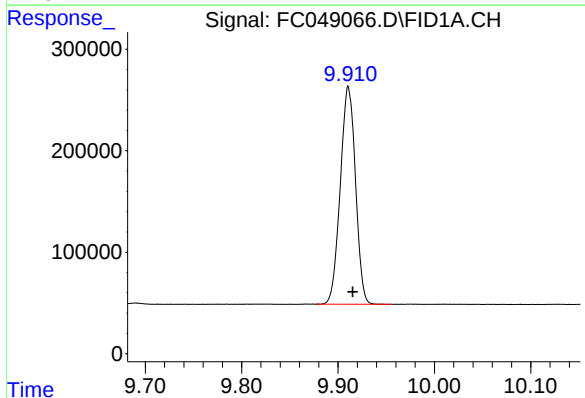
R.T.: 7.142 min
Delta R.T.: -0.006 min
Response: 2702300
Conc: 22.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



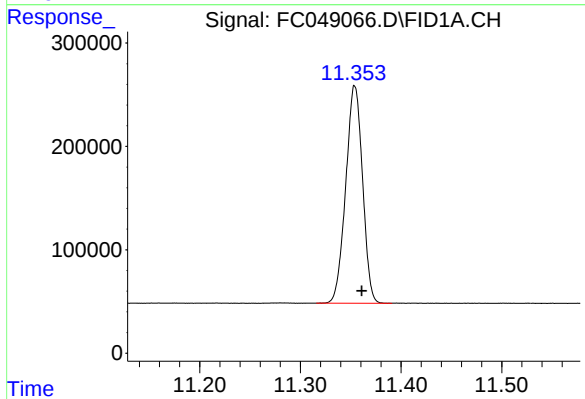
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: -0.005 min
Response: 2368064
Conc: 22.49 ug/ml



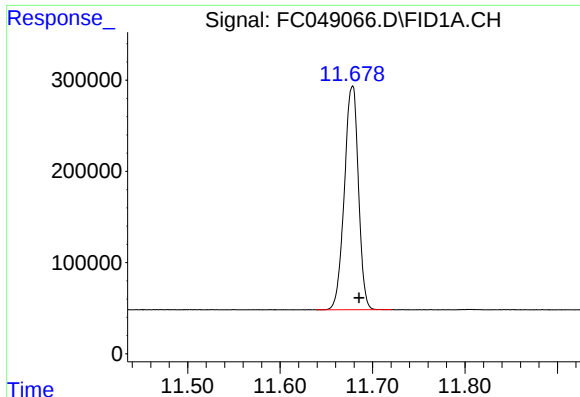
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.004 min
Response: 2346984
Conc: 22.36 ug/ml



#8 n-Octadecane (C18)

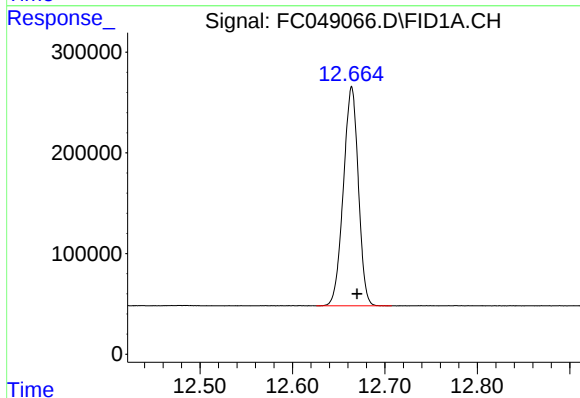
R.T.: 11.354 min
Delta R.T.: -0.007 min
Response: 2442457
Conc: 22.23 ug/ml



#9 ortho-Terphenyl (SURR)

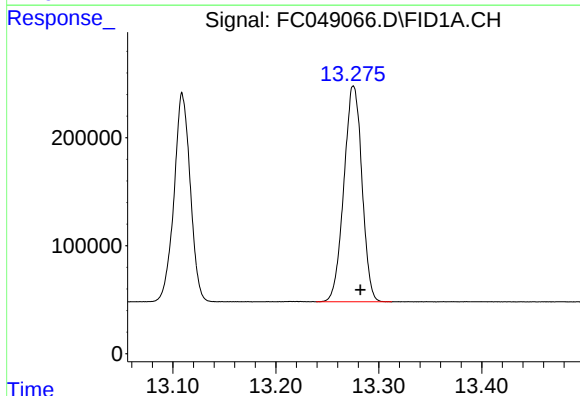
R.T.: 11.678 min
Delta R.T.: -0.007 min
Response: 2596643
Conc: 21.85 ug/ml

Instrument :
FID_C
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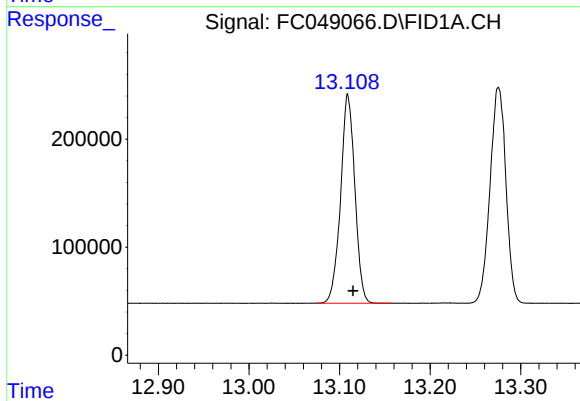
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: -0.006 min
Response: 2450419
Conc: 22.02 ug/ml



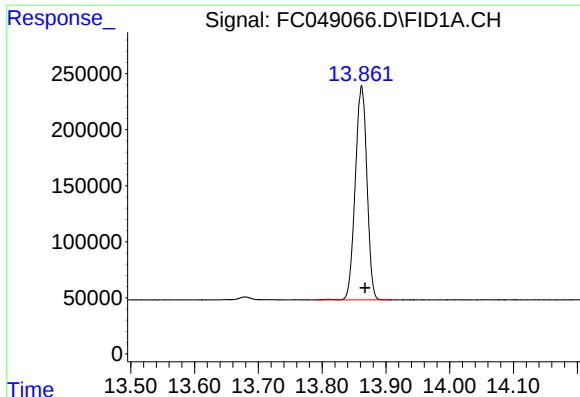
#11 n-Heneicosane (C21)

R.T.: 13.275 min
Delta R.T.: -0.007 min
Response: 2436314
Conc: 21.81 ug/ml



#12 1-chlorooctadecane (SURR)

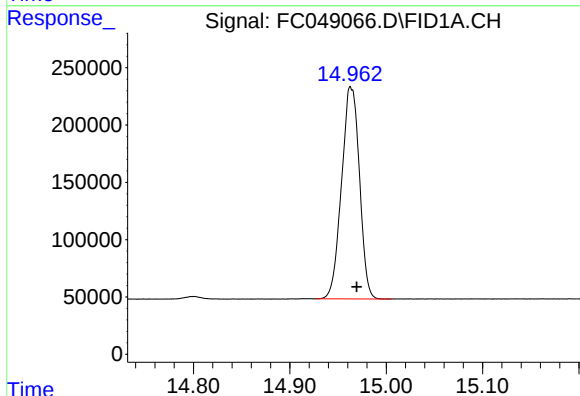
R.T.: 13.109 min
Delta R.T.: -0.006 min
Response: 2115075
Conc: 21.74 ug/ml



#13 n-Docosane (C22)

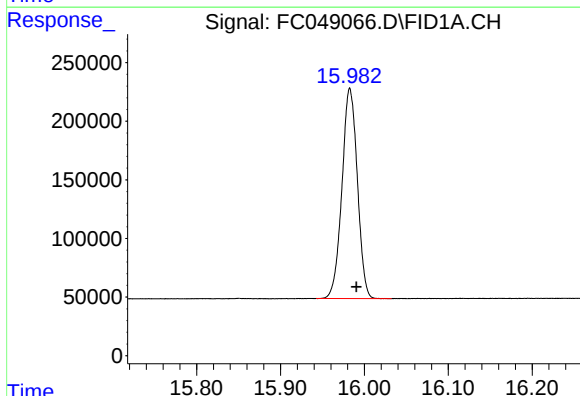
R.T.: 13.862 min
Delta R.T.: -0.005 min
Response: 2428733
Conc: 21.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



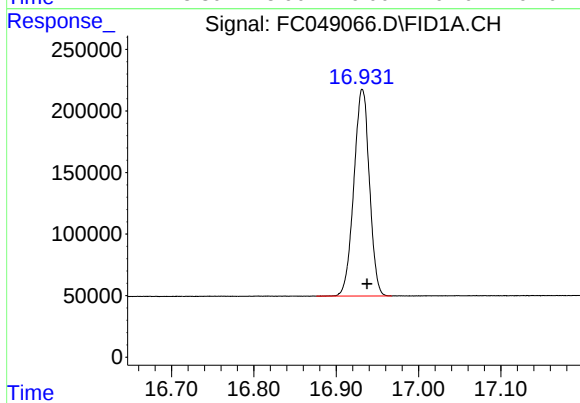
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: -0.006 min
Response: 2379766
Conc: 20.93 ug/ml



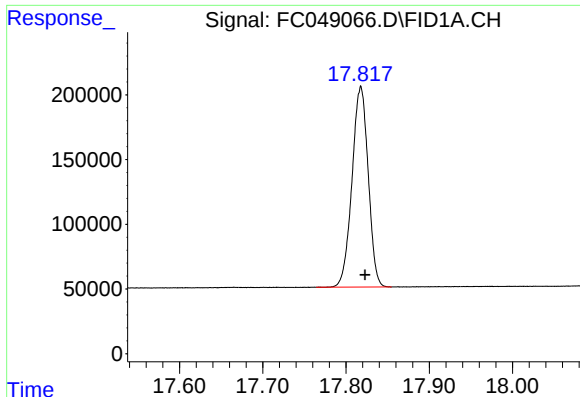
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: -0.008 min
Response: 2288076
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

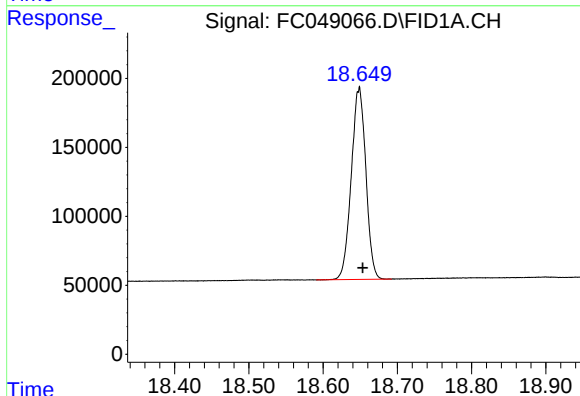
R.T.: 16.932 min
Delta R.T.: -0.006 min
Response: 2204461
Conc: 18.95 ug/ml



#17 n-Tricontane (C30)

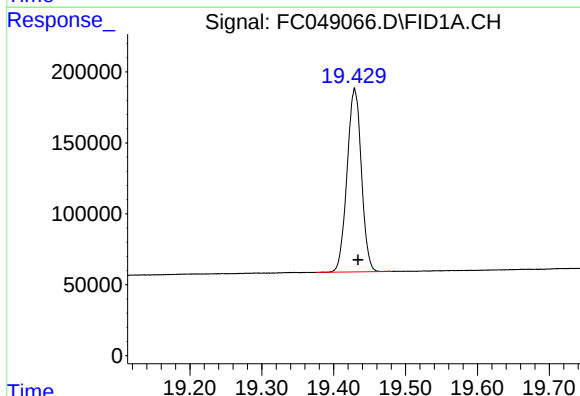
R.T.: 17.818 min
Delta R.T.: -0.005 min
Response: 2091158
Conc: 18.09 ug/ml

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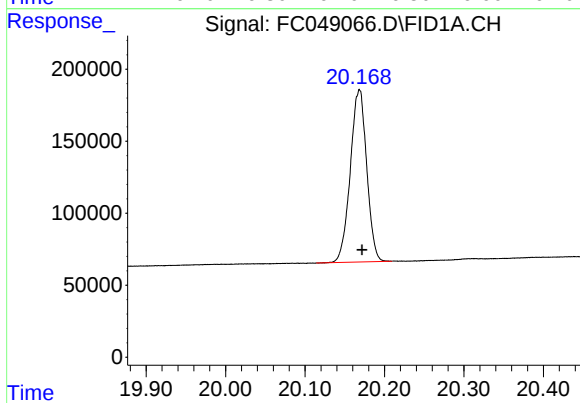
#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: -0.005 min
Response: 1894320
Conc: 17.52 ug/ml



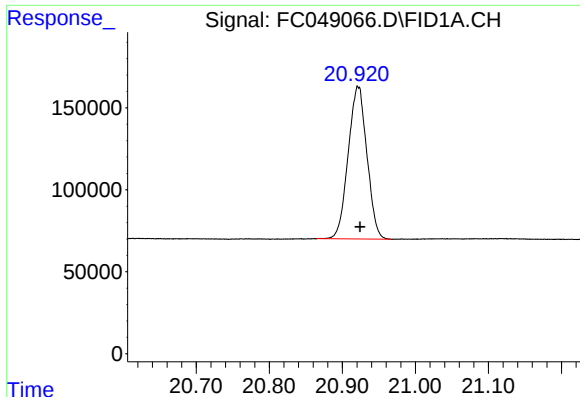
#19 n-Tetratriacontane (C34)

R.T.: 19.429 min
Delta R.T.: -0.005 min
Response: 1784789
Conc: 17.21 ug/ml



#20 n-Hexatriacontane (C36)

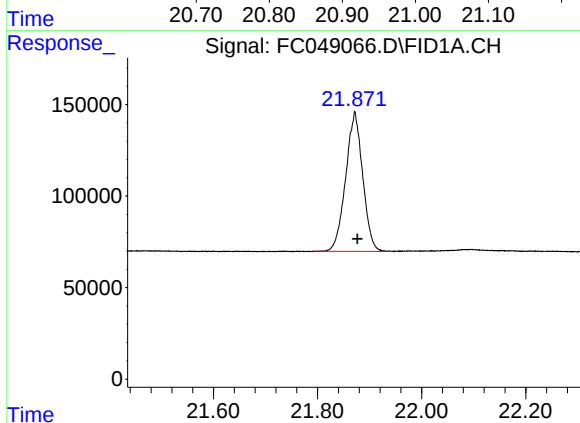
R.T.: 20.169 min
Delta R.T.: -0.003 min
Response: 1715061
Conc: 17.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.922 min
Delta R.T.: -0.002 min
Response: 1658462
Conc: 17.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.872 min
Delta R.T.: -0.005 min
Response: 1722417
Conc: 18.04 ug/ml