

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101818AL\
 Data File : FC036965.D
 Signal(s) : FID1A.CH
 Acq On : 18 Oct 2018 22:58
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 19 00:12:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 13:16:54 2018
 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)	11.359	1925504	21.701 ug/ml
Spiked Amount 50.000		Recovery =	43.40%
12) S 1-chlorooctadecane (S...	12.799	1307824	20.588 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
Target Compounds			
1) T n-Nonane (C9)	3.175	1469554	19.997 ug/ml
2) T n-Decane (C10)	4.239	1471639	20.216 ug/ml
3) T A~Naphthalene (C11.7)	5.807	1749026	20.964 ug/ml
4) T n-Dodecane (C12)	6.250	1470108	20.348 ug/ml
5) T A~2-methylnaphthalene...	6.857	1745650	21.082 ug/ml
6) T n-Tetradecane (C14)	8.033	1461257	20.216 ug/ml
7) T n-Hexadecane (C16)	9.623	1469082	20.135 ug/ml
8) T n-Octadecane (C18)	11.058	1475901	20.039 ug/ml
10) T n-Eicosane (C20)	12.360	1494545	20.443 ug/ml
11) T n-Heneicosane (C21)	12.969	1480837	20.679 ug/ml
13) T n-Docosane (C22)	13.552	1484767	20.828 ug/ml
14) T n-Tetracosane (C24)	14.650	1500640	21.167 ug/ml
15) T n-Hexacosane (C26)	15.667	1504439	21.313 ug/ml
16) T n-Octacosane (C28)	16.613	1519192	21.284 ug/ml
17) T n-Tricontane (C30)	17.496	1515354	19.955 ug/ml
18) T n-Dotriacontane (C32)	18.324	1561072	19.471 ug/mlm
19) T n-Tetratriacontane (C34)	19.108	1527046	21.314 ug/mlm
20) T n-Hexatriacontane (C36)	19.844	1456043	21.269 ug/mlm
21) T n-Octatriacontane (C38)	20.550	1375045	20.747 ug/mlm
22) T n-Tetracontane (C40)	21.379	1511019	22.723 ug/mlm

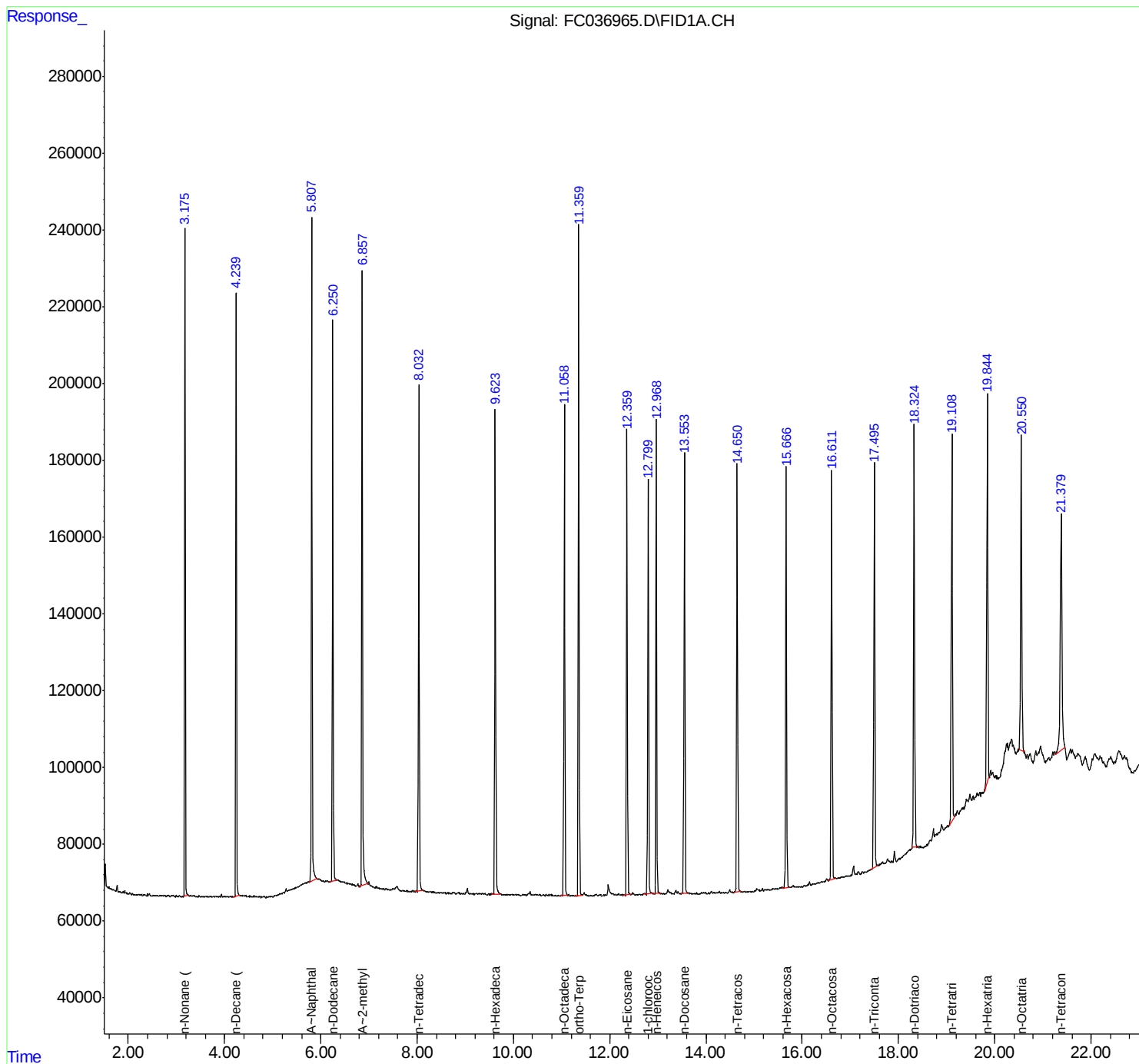
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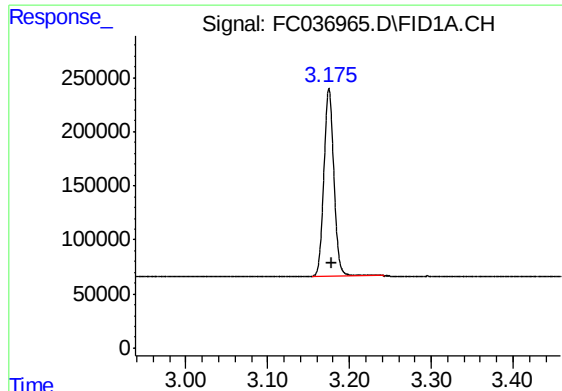
(m)=manual int.

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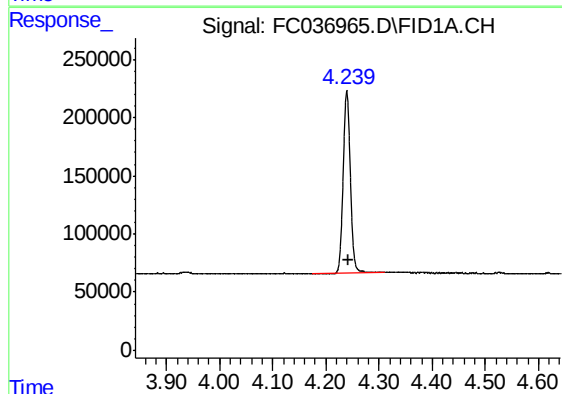
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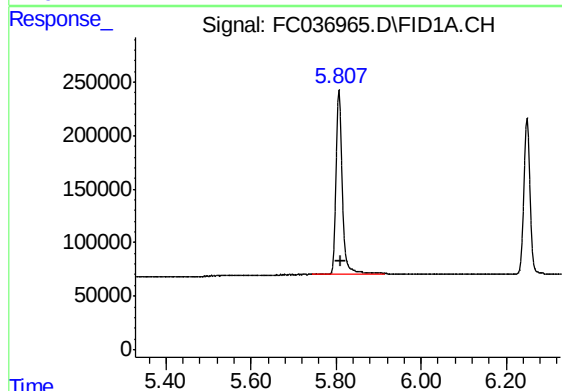
#1 n-Nonane (C9)

R.T.: 3.175 min
Delta R.T.: -0.003 min
Response: 1469554
Conc: 20.00 ug/ml



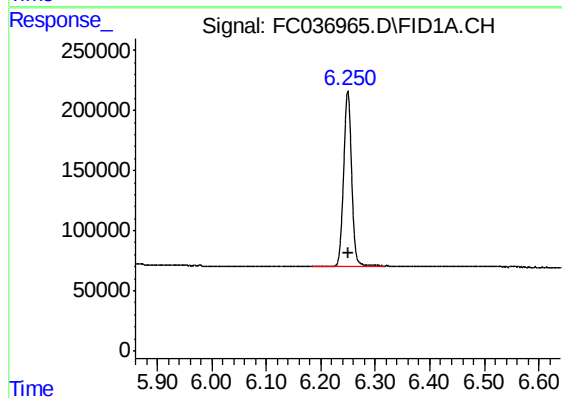
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: -0.002 min
Response: 1471639
Conc: 20.22 ug/ml



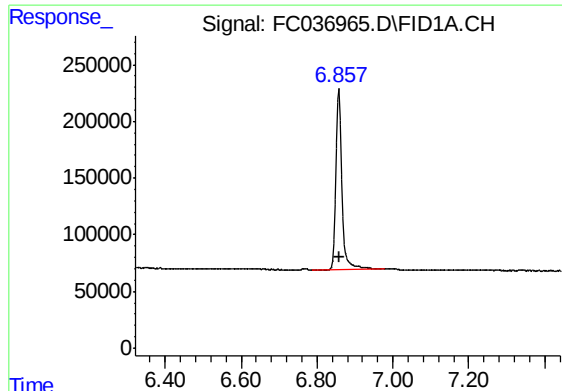
#3 A~Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 1749026
Conc: 20.96 ug/ml



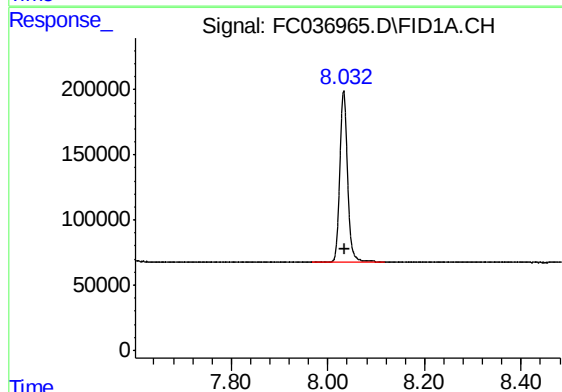
#4 n-Dodecane (C12)

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 1470108
Conc: 20.35 ug/ml



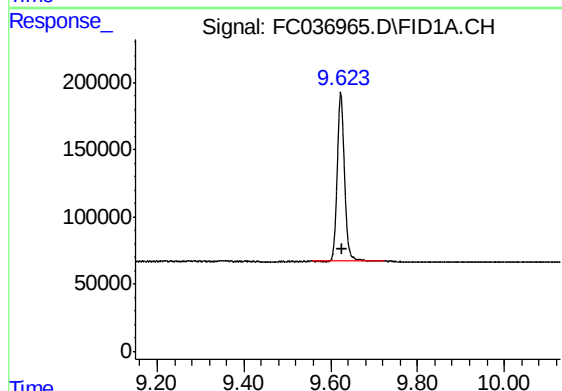
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: -0.003 min
Response: 1745650
Conc: 21.08 ug/ml



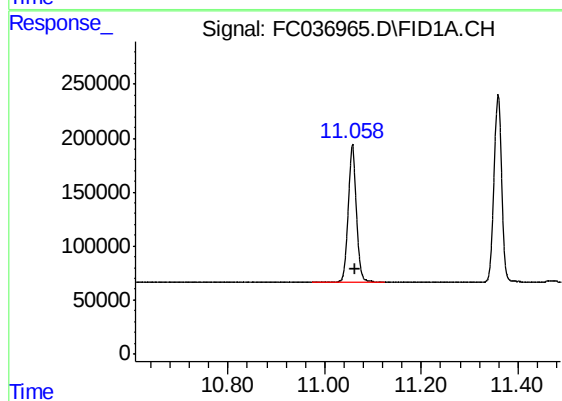
#6 n-Tetradecane (C14)

R.T.: 8.033 min
Delta R.T.: -0.003 min
Response: 1461257
Conc: 20.22 ug/ml



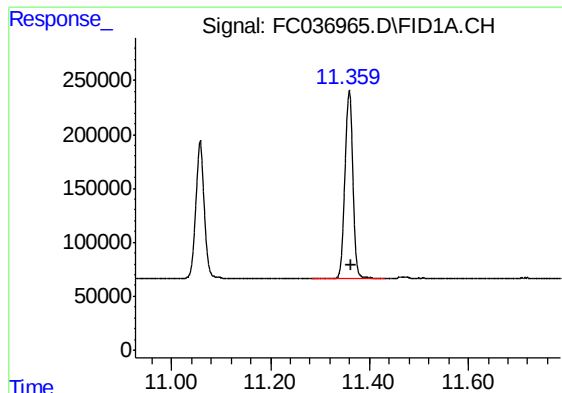
#7 n-Hexadecane (C16)

R.T.: 9.623 min
Delta R.T.: -0.004 min
Response: 1469082
Conc: 20.14 ug/ml



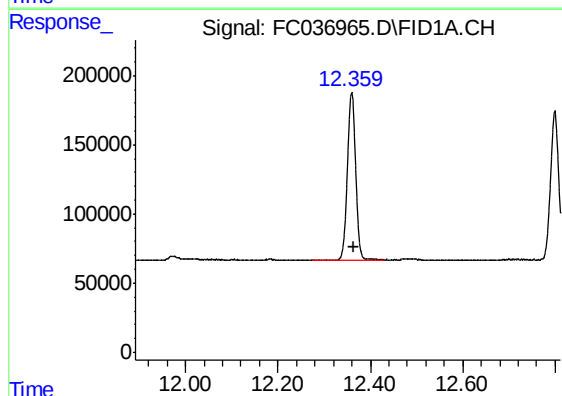
#8 n-Octadecane (C18)

R.T.: 11.058 min
Delta R.T.: -0.005 min
Response: 1475901
Conc: 20.04 ug/ml



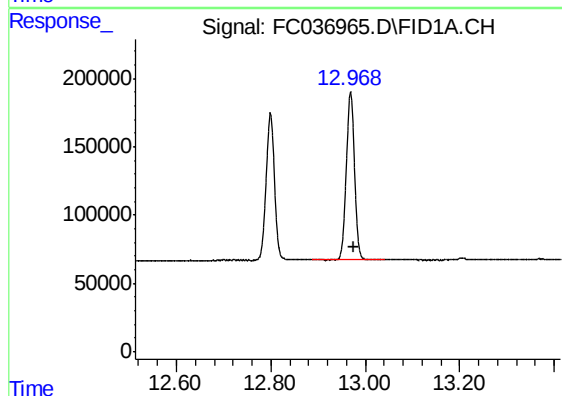
#9 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: -0.005 min
Response: 1925504
Conc: 21.70 ug/ml



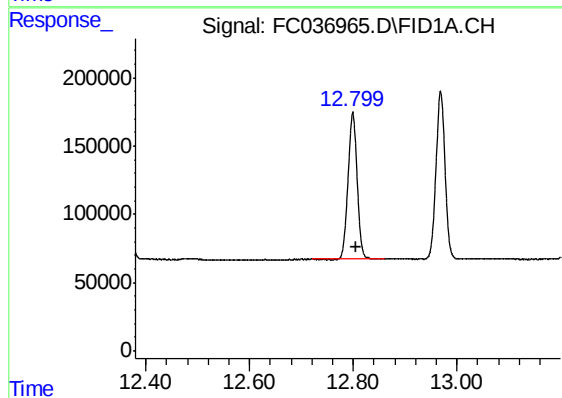
#10 n-Eicosane (C20)

R.T.: 12.360 min
Delta R.T.: -0.005 min
Response: 1494545
Conc: 20.44 ug/ml



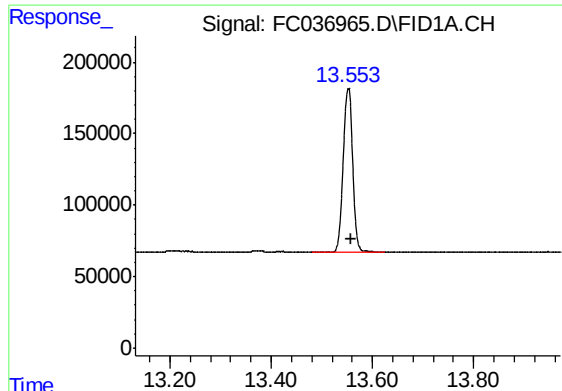
#11 n-Heneicosane (C21)

R.T.: 12.969 min
Delta R.T.: -0.006 min
Response: 1480837
Conc: 20.68 ug/ml



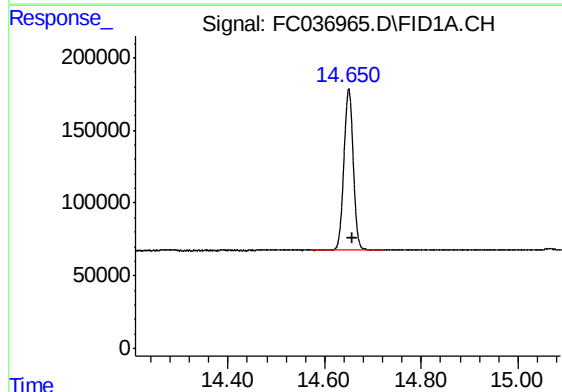
#12 1-chlorooctadecane (SURR)

R.T.: 12.799 min
Delta R.T.: -0.006 min
Response: 1307824
Conc: 20.59 ug/ml



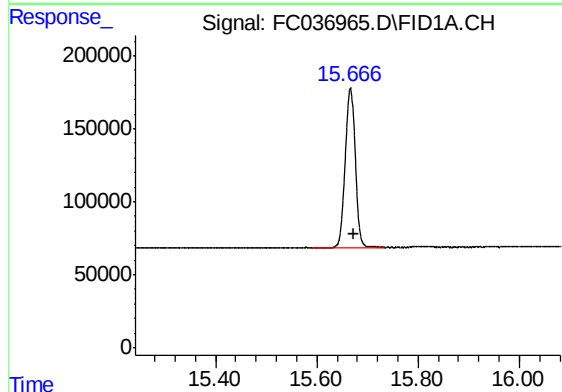
#13 n-Docosane (C22)

R.T.: 13.552 min
Delta R.T.: -0.006 min
Response: 1484767
Conc: 20.83 ug/ml



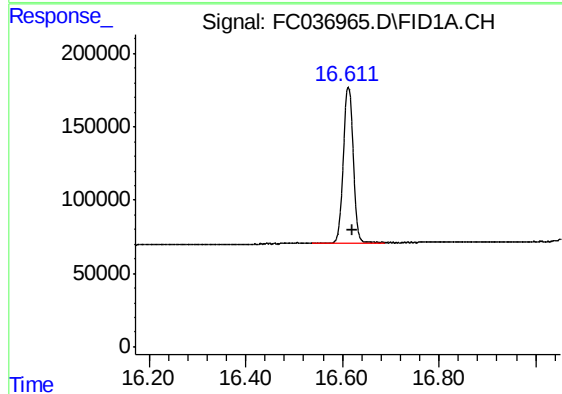
#14 n-Tetracosane (C24)

R.T.: 14.650 min
Delta R.T.: -0.006 min
Response: 1500640
Conc: 21.17 ug/ml



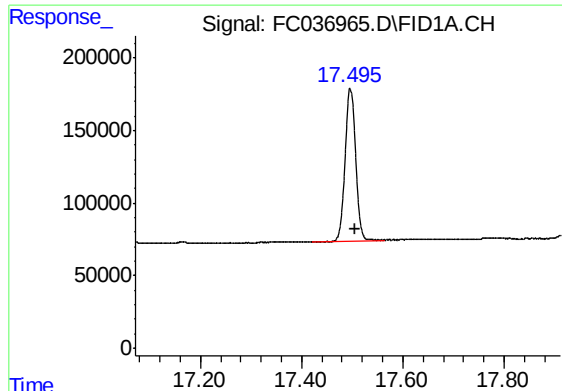
#15 n-Hexacosane (C26)

R.T.: 15.667 min
Delta R.T.: -0.007 min
Response: 1504439
Conc: 21.31 ug/ml



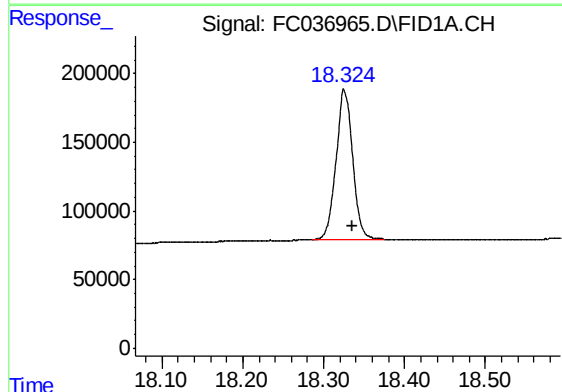
#16 n-Octacosane (C28)

R.T.: 16.613 min
Delta R.T.: -0.007 min
Response: 1519192
Conc: 21.28 ug/ml



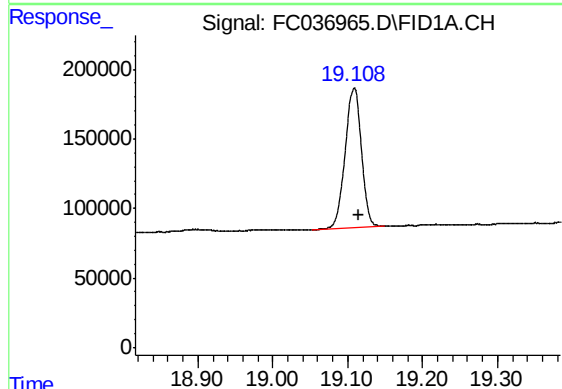
#17 n-Tricontane (C30)

R.T.: 17.496 min
Delta R.T.: -0.008 min
Response: 1515354
Conc: 19.95 ug/ml



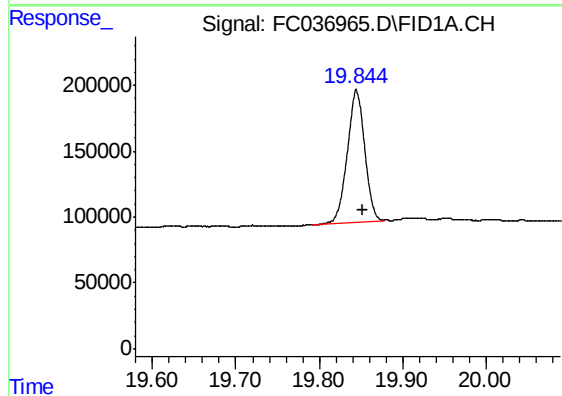
#18 n-Dotriacontane (C32)

R.T.: 18.324 min
Delta R.T.: -0.011 min
Response: 1561072
Conc: 19.47 ug/ml m



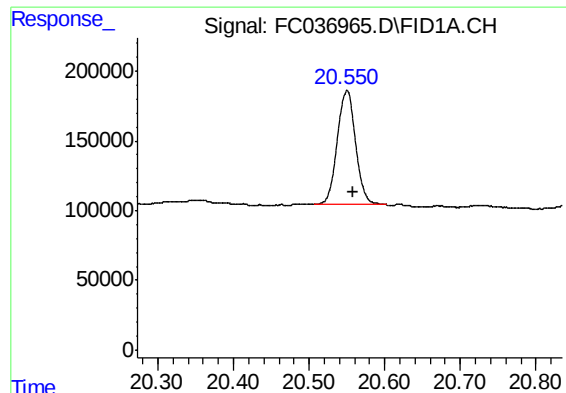
#19 n-Tetratriacontane (C34)

R.T.: 19.108 min
Delta R.T.: -0.007 min
Response: 1527046
Conc: 21.31 ug/ml m



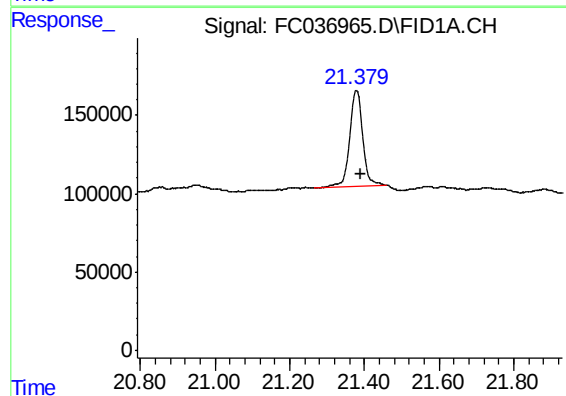
#20 n-Hexatriacontane (C36)

R.T.: 19.844 min
Delta R.T.: -0.008 min
Response: 1456043
Conc: 21.27 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.550 min
Delta R.T.: -0.009 min
Response: 1375045
Conc: 20.75 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.379 min
Delta R.T.: -0.010 min
Response: 1511019
Conc: 22.72 ug/ml m