

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010919AL\
 Data File : FC038519.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jan 2019 18:13
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 1/10/2019 10:42:13 AM

Integration File: autoint1.e
 Quant Time: Jan 10 05:55:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010919.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 05:47:13 2019
 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)	11.265	2166375	20.069 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
12) S 1-chlorooctadecane (S...	12.710	1573843	19.936 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
Target Compounds			
1) T n-Nonane (C9)	3.104	1827658	20.454 ug/ml
2) T n-Decane (C10)	4.160	1812506	20.376 ug/ml
3) T A-Naphthalene (C11.7)	5.721	1988242	20.362 ug/ml
4) T n-Dodecane (C12)	6.164	1799915	20.086 ug/ml
5) T A~2-methylnaphthalene...	6.769	1956307	20.393 ug/ml
6) T n-Tetradecane (C14)	7.946	1796145	19.960 ug/ml
7) T n-Hexadecane (C16)	9.536	1829960	20.196 ug/ml
8) T n-Octadecane (C18)	10.969	1833373	20.094 ug/ml
10) T n-Eicosane (C20)	12.271	1816807	19.873 ug/ml
11) T n-Heneicosane (C21)	12.880	1786989	19.975 ug/ml
13) T n-Docosane (C22)	13.464	1726051	19.340 ug/ml
14) T n-Tetracosane (C24)	14.562	1717948	19.456 ug/ml
15) T n-Hexacosane (C26)	15.577	1688505	19.408 ug/ml
16) T n-Octacosane (C28)	16.523	1667860	19.202 ug/ml
17) T n-Tricontane (C30)	17.406	1589623	18.402 ug/ml
18) T n-Dotriacontane (C32)	18.235	1502234	18.462 ug/ml
19) T n-Tetratriacontane (C34)	19.017	1300245	19.189 ug/ml
20) T n-Hexatriacontane (C36)	19.754	1146101	19.174 ug/ml
21) T n-Octatriacontane (C38)	20.453	1192778	18.737 ug/ml
22) T n-Tetracontane (C40)	21.255	1130179	19.431 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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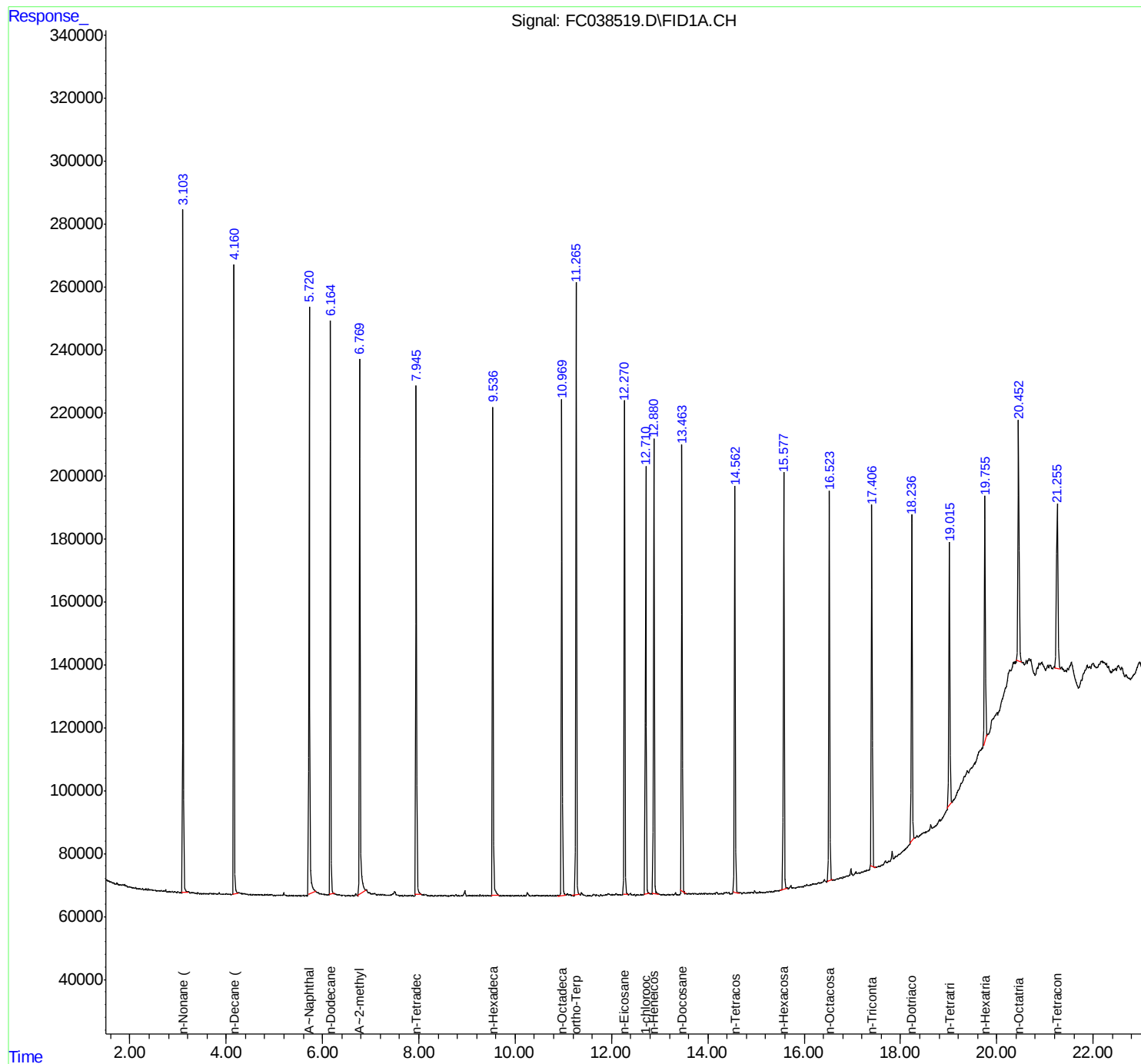
Instrument :
FID_C
ClientSampled :

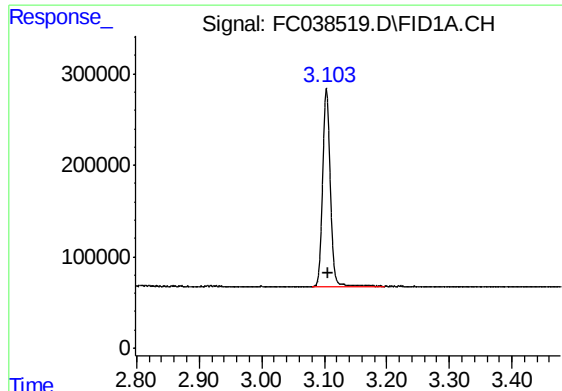
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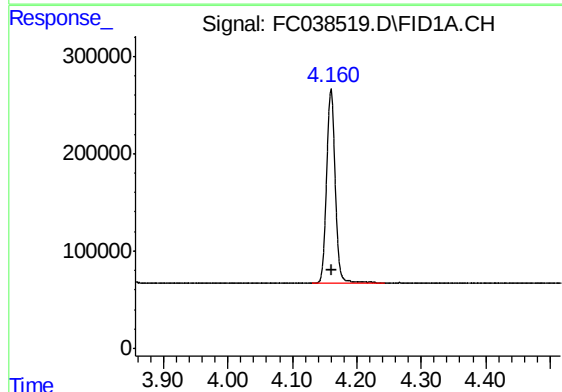
#1 n-Nonane (C9)

R.T.: 3.104 min
Delta R.T.: -0.002 min
Response: 1827658
Conc: 20.45 ug/ml

Instrument :
FID_C
ClientSampleId :

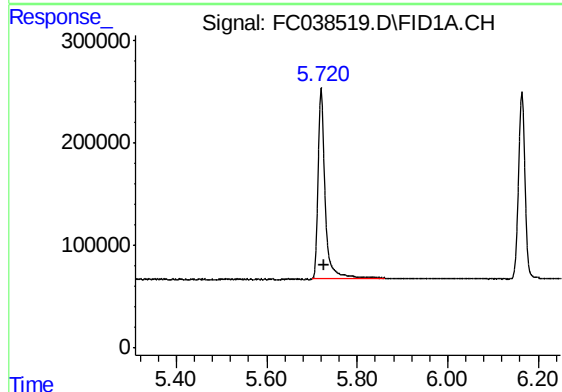
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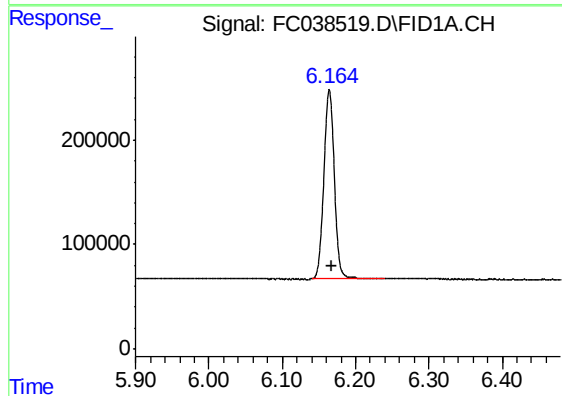
#2 n-Decane (C10)

R.T.: 4.160 min
Delta R.T.: -0.002 min
Response: 1812506
Conc: 20.38 ug/ml



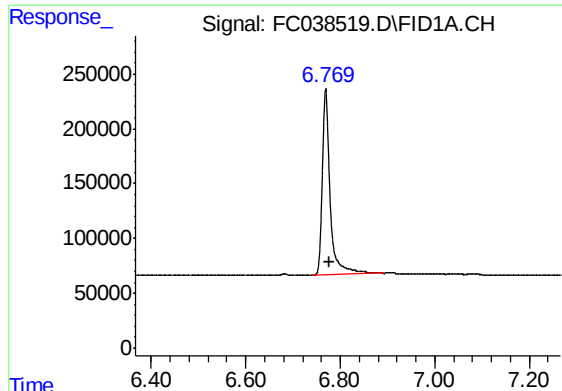
#3 A-Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: -0.007 min
Response: 1988242
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.164 min
Delta R.T.: -0.003 min
Response: 1799915
Conc: 20.09 ug/ml



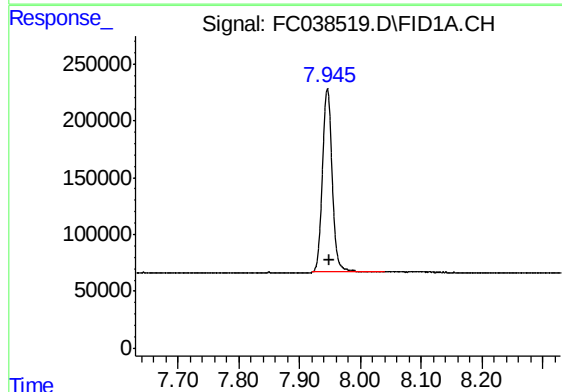
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.769 min
Delta R.T.: -0.008 min
Response: 1956307
Conc: 20.39 ug/ml

Instrument :
FID_C
ClientSampleId :

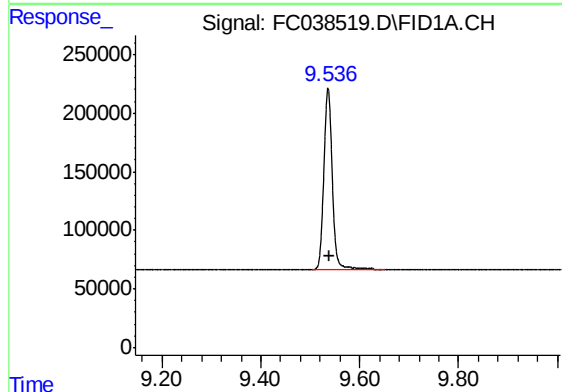
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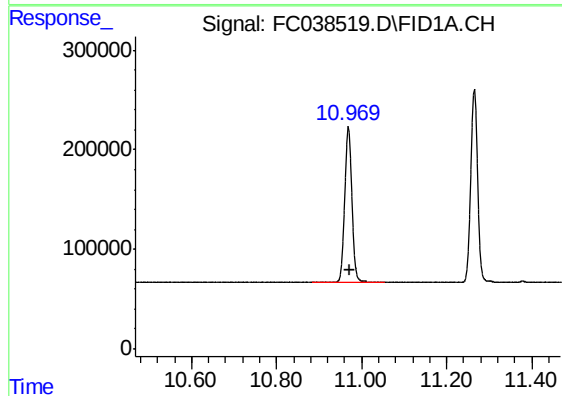
#6 n-Tetradecane (C14)

R.T.: 7.946 min
Delta R.T.: -0.003 min
Response: 1796145
Conc: 19.96 ug/ml



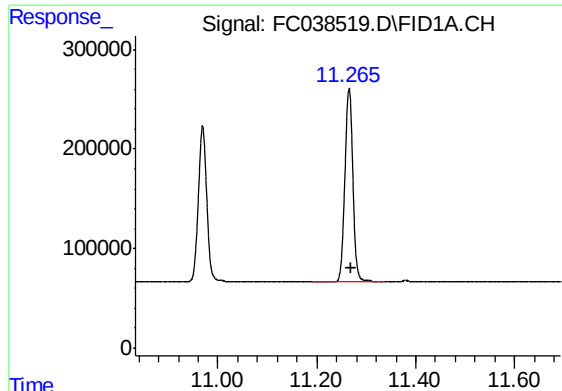
#7 n-Hexadecane (C16)

R.T.: 9.536 min
Delta R.T.: -0.003 min
Response: 1829960
Conc: 20.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.969 min
Delta R.T.: -0.003 min
Response: 1833373
Conc: 20.09 ug/ml



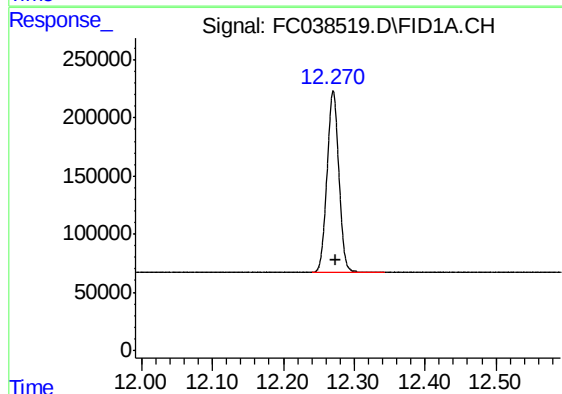
#9 ortho-Terphenyl (SURR)

R.T.: 11.265 min
Delta R.T.: -0.003 min
Response: 2166375
Conc: 20.07 ug/ml

Instrument :
FID_C
ClientSampleId :

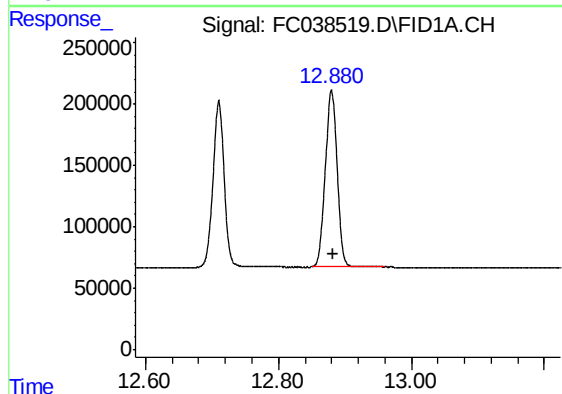
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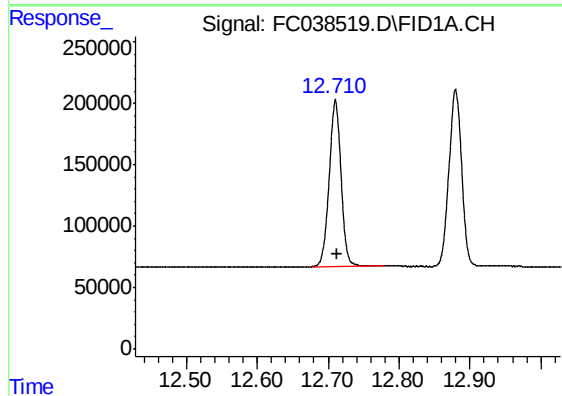
#10 n-Eicosane (C20)

R.T.: 12.271 min
Delta R.T.: -0.003 min
Response: 1816807
Conc: 19.87 ug/ml



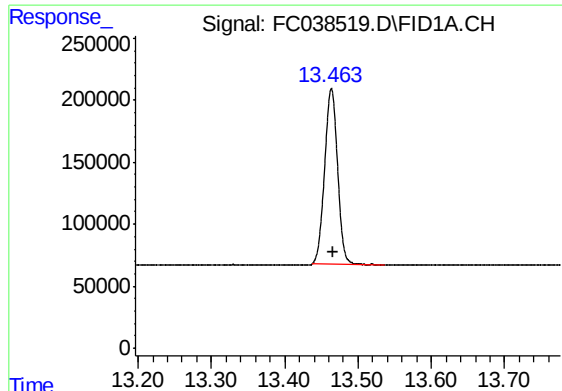
#11 n-Heneicosane (C21)

R.T.: 12.880 min
Delta R.T.: -0.002 min
Response: 1786989
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.710 min
Delta R.T.: -0.002 min
Response: 1573843
Conc: 19.94 ug/ml



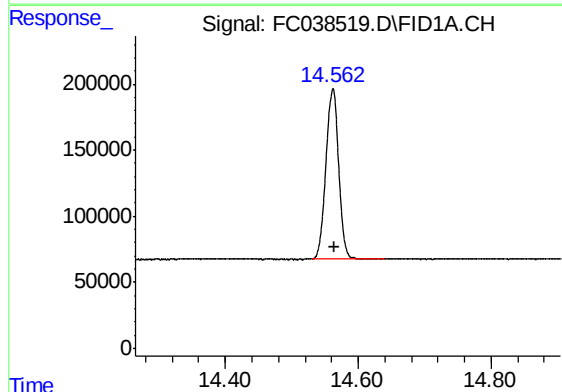
#13 n-Docosane (C22)

R.T.: 13.464 min
Delta R.T.: -0.003 min
Response: 1726051
Conc: 19.34 ug/ml

Instrument :
FID_C
ClientSampleId :

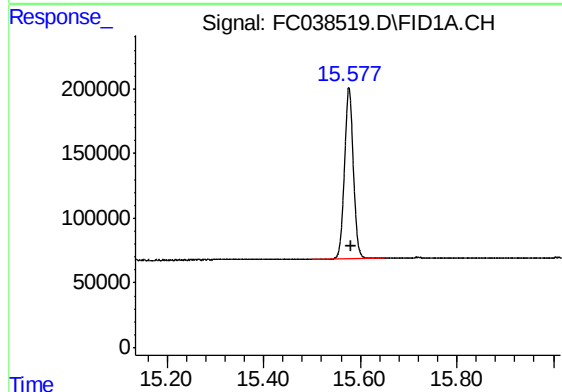
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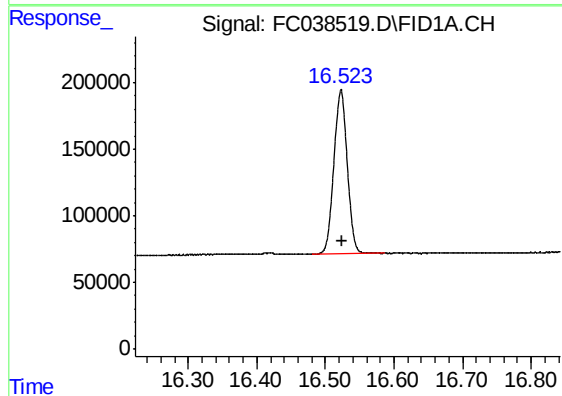
#14 n-Tetracosane (C24)

R.T.: 14.562 min
Delta R.T.: -0.002 min
Response: 1717948
Conc: 19.46 ug/ml



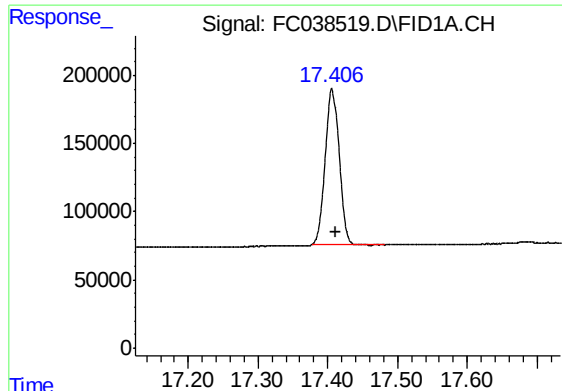
#15 n-Hexacosane (C26)

R.T.: 15.577 min
Delta R.T.: -0.003 min
Response: 1688505
Conc: 19.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.523 min
Delta R.T.: -0.003 min
Response: 1667860
Conc: 19.20 ug/ml



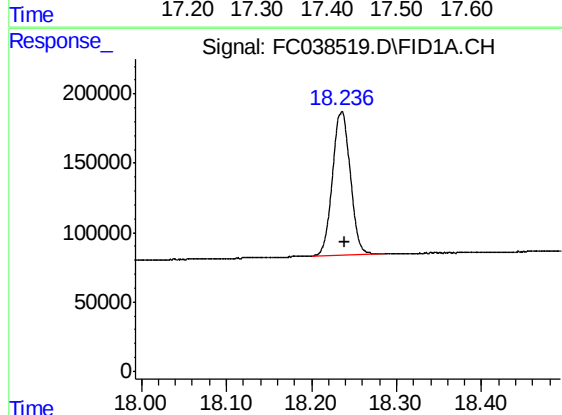
#17 n-Tricontane (C30)

R.T.: 17.406 min
Delta R.T.: -0.005 min
Response: 1589623
Conc: 18.40 ug/ml

Instrument :
FID_C
ClientSampleId :

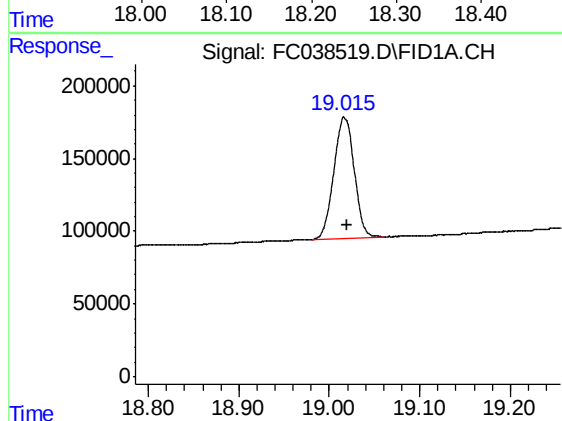
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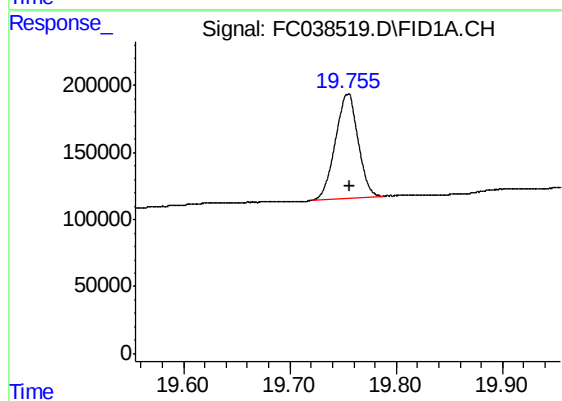
#18 n-Dotriacontane (C32)

R.T.: 18.235 min
Delta R.T.: -0.003 min
Response: 1502234
Conc: 18.46 ug/ml



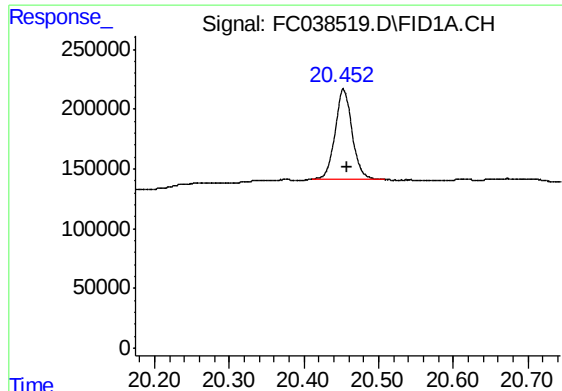
#19 n-Tetatriacontane (C34)

R.T.: 19.017 min
Delta R.T.: -0.004 min
Response: 1300245
Conc: 19.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.754 min
Delta R.T.: -0.002 min
Response: 1146101
Conc: 19.17 ug/ml



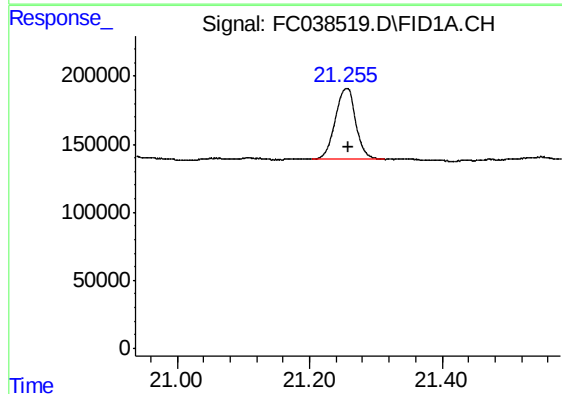
#21 n-Octatriacontane (C38)

R.T.: 20.453 min
Delta R.T.: -0.005 min
Response: 1192778
Conc: 18.74 ug/ml

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.255 min
Delta R.T.: -0.003 min
Response: 1130179
Conc: 19.43 ug/ml m