

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082919AL\
 Data File : FC043222.D
 Signal(s) : FID1A.CH
 Acq On : 30 Aug 2019 9:19
 Operator : DD\AJ
 Sample : K4581-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 8/30/2019 5:51:29 PM

Integration File: autoint1.e
 Quant Time: Aug 30 12:49:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 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)	11.628	5011709	35.003 ug/mlm
Spiked Amount 50.000		Recovery =	70.01%
12) S 1-chlorooctadecane (S...	13.052	4054940	37.116 ug/ml
Spiked Amount 50.000		Recovery =	74.23%
Target Compounds			
1) T n-Nonane (C9)	3.454	2790859	23.433 ug/ml
2) T n-Decane (C10)	4.512	3255445	27.377 ug/ml
3) T A~Naphthalene (C11.7)	6.091	3790817	31.077 ug/ml
4) T n-Dodecane (C12)	6.507	3568476	29.168 ug/ml
5) T A~2-methylnaphthalene...	7.137	3920451	31.938 ug/ml
6) T n-Tetradecane (C14)	8.286	3992884	32.301 ug/ml
7) T n-Hexadecane (C16)	9.873	4244474	34.044 ug/ml
8) T n-Octadecane (C18)	11.307	4312045	33.900 ug/mlm
10) T n-Eicosane (C20)	12.609	4250842	33.111 ug/mlm
11) T n-Heneicosane (C21)	13.216	4268971	32.963 ug/ml
13) T n-Docosane (C22)	13.798	4161037	32.391 ug/ml
14) T n-Tetracosane (C24)	14.897	7849229	61.268 ug/mlm
15) T n-Hexacosane (C26)	15.907	3959681	31.440 ug/ml
16) T n-Octacosane (C28)	16.850	4161467	33.892 ug/ml
17) T n-Tricontane (C30)	17.733	3874624	32.126 ug/ml
18) T n-Dotriacontane (C32)	18.560	3756328	32.931 ug/ml
19) T n-Tetratriacontane (C34)	19.341	3501957	32.548 ug/ml
20) T n-Hexatriacontane (C36)	20.077	3266046	31.021 ug/ml
21) T n-Octatriacontane (C38)	20.809	3038266	32.474 ug/ml
22) T n-Tetracontane (C40)	21.712	3091864	32.001 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : K4581-02MS
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ALS Vial : 24 Sample Multiplier: 1

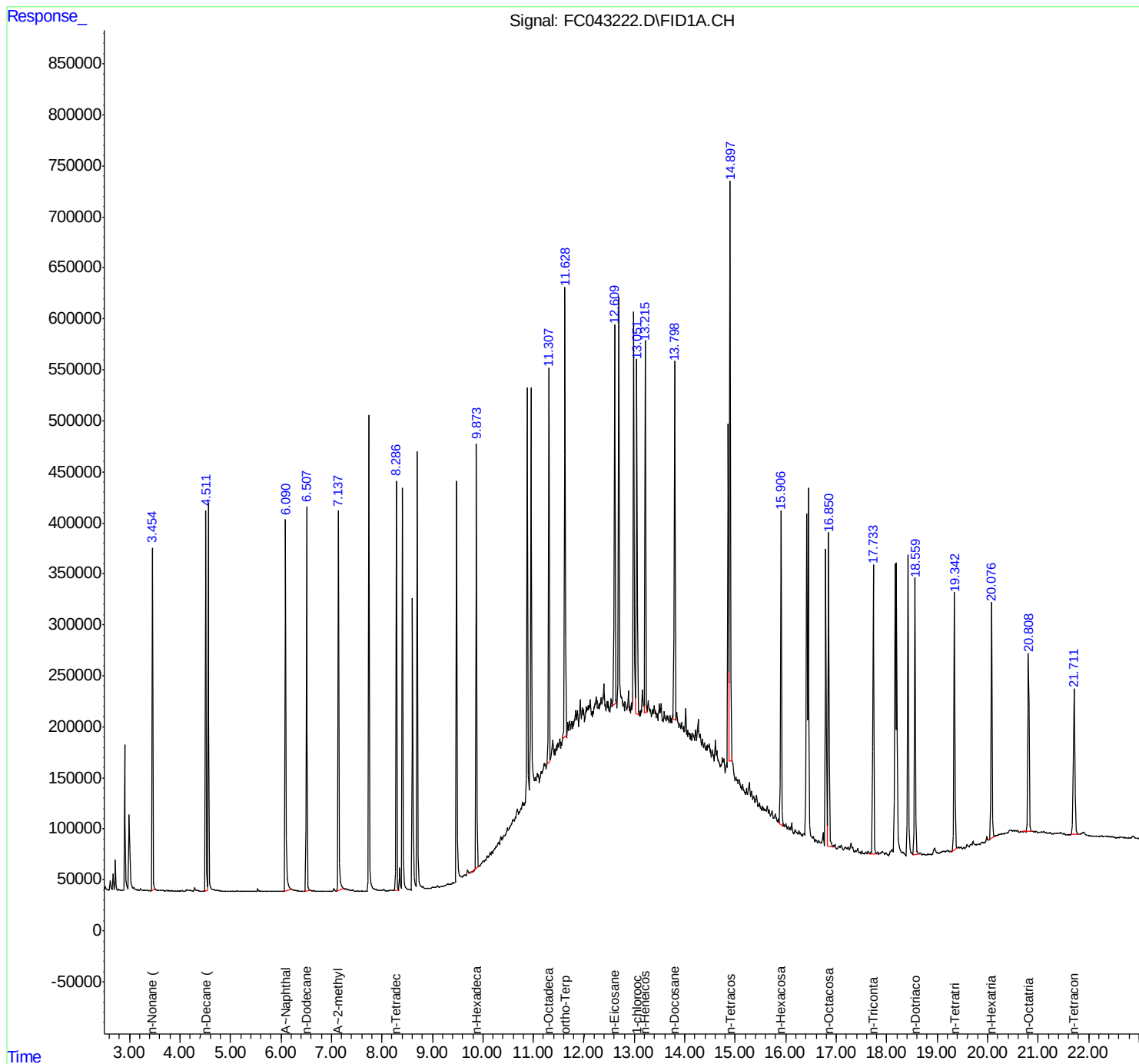
Instrument :
FID_C
ClientSampleId :

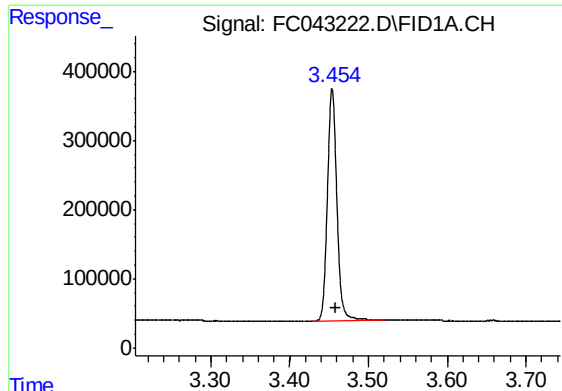
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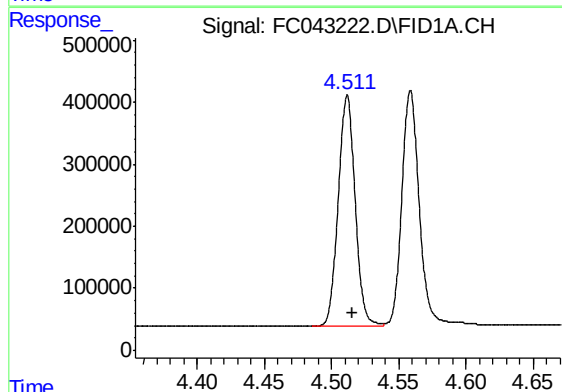
#1 n-Nonane (C9)

R.T.: 3.454 min
Delta R.T.: -0.005 min
Response: 2790859
Conc: 23.43 ug/ml

Instrument :
FID_C
ClientSampleId :

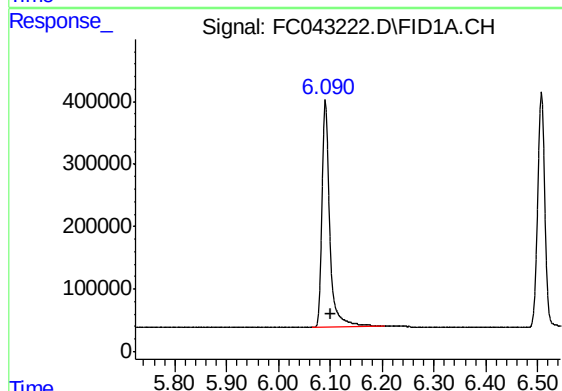
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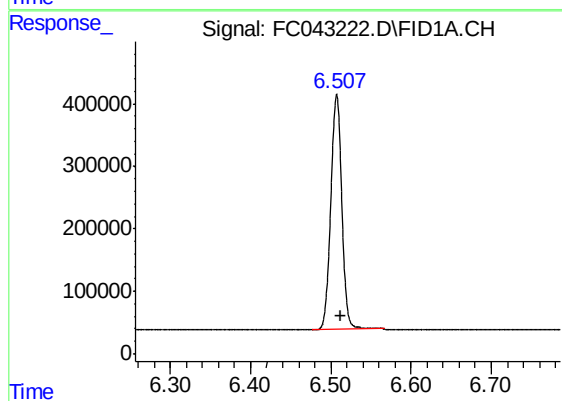
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.004 min
Response: 3255445
Conc: 27.38 ug/ml



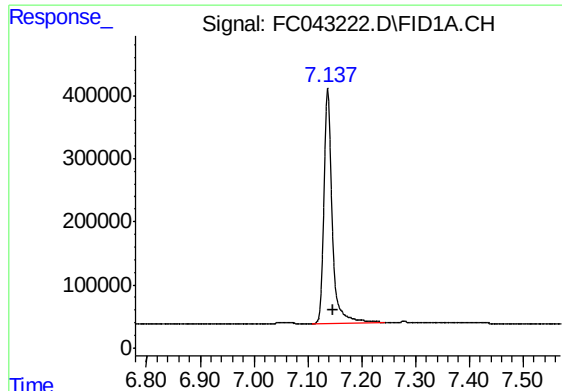
#3 A~Naphthalene (C11.7)

R.T.: 6.091 min
Delta R.T.: -0.011 min
Response: 3790817
Conc: 31.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.004 min
Response: 3568476
Conc: 29.17 ug/ml



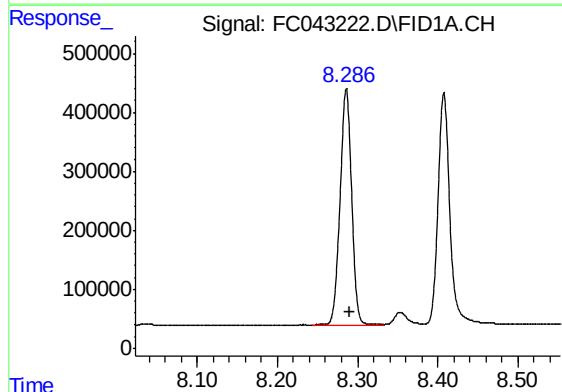
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: -0.011 min
Response: 3920451
Conc: 31.94 ug/ml

Instrument :
FID_C
ClientSampleId :

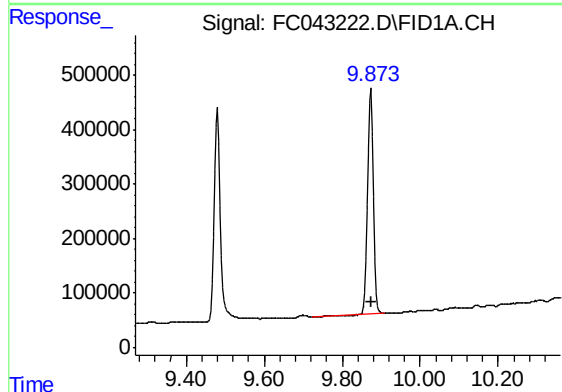
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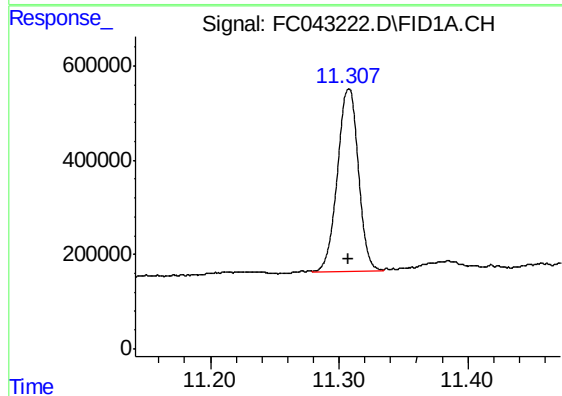
#6 n-Tetradecane (C14)

R.T.: 8.286 min
Delta R.T.: -0.004 min
Response: 3992884
Conc: 32.30 ug/ml



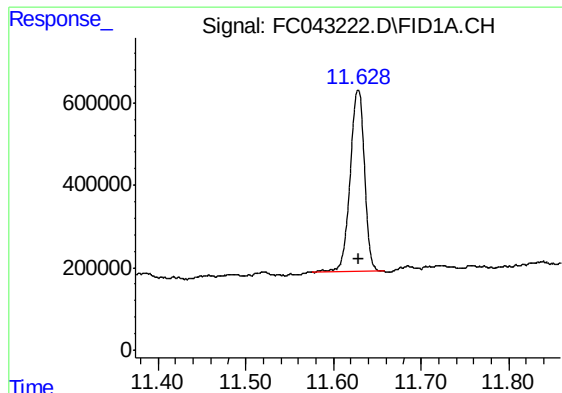
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.004 min
Response: 4244474
Conc: 34.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.307 min
Delta R.T.: 0.000 min
Response: 4312045
Conc: 33.90 ug/ml m



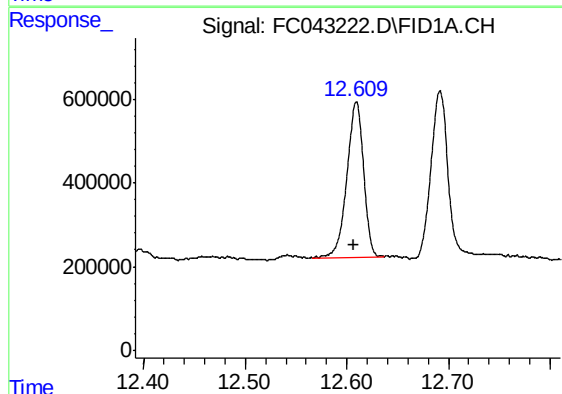
#9 ortho-Terphenyl (SURR)

R.T.: 11.628 min
Delta R.T.: 0.000 min
Response: 5011709
Conc: 35.00 ug/ml m

Instrument :
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ClientSampleId :

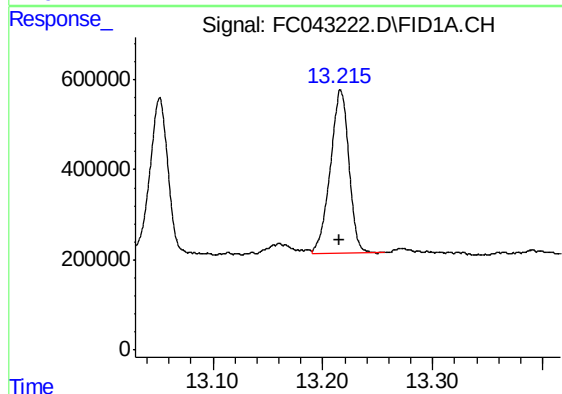
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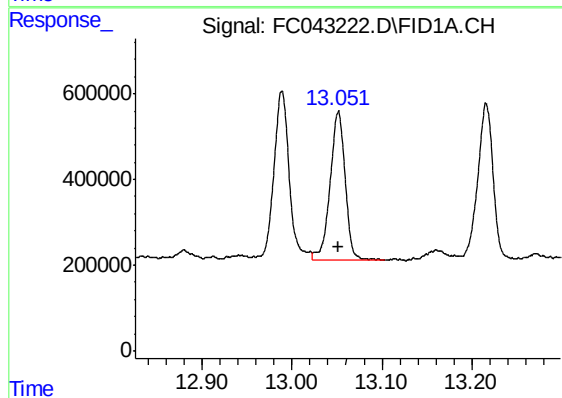
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: 0.002 min
Response: 4250842
Conc: 33.11 ug/ml m



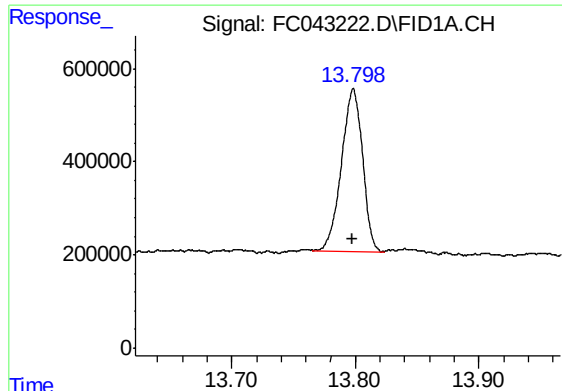
#11 n-Heneicosane (C21)

R.T.: 13.216 min
Delta R.T.: 0.001 min
Response: 4268971
Conc: 32.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min
Delta R.T.: 0.000 min
Response: 4054940
Conc: 37.12 ug/ml



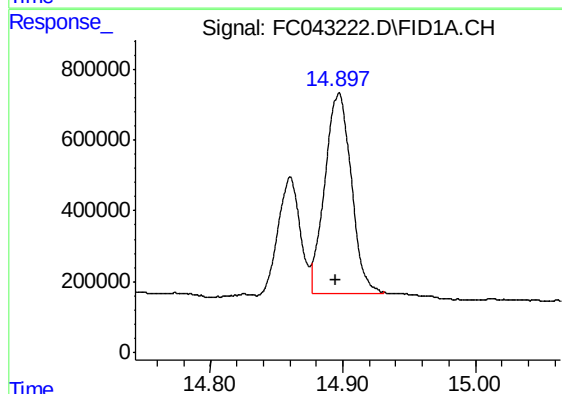
#13 n-Docosane (C22)

R.T.: 13.798 min
Delta R.T.: 0.000 min
Response: 4161037
Conc: 32.39 ug/ml

Instrument :
FID_C
ClientSampleId :

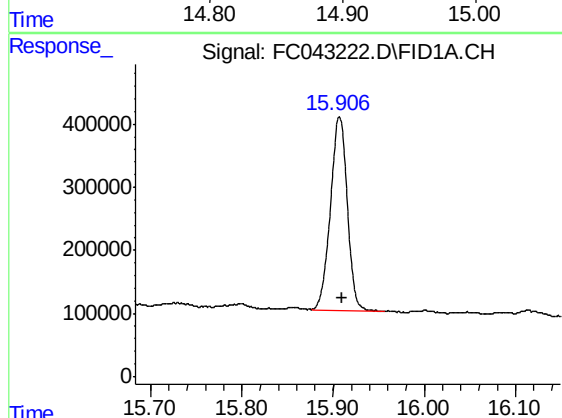
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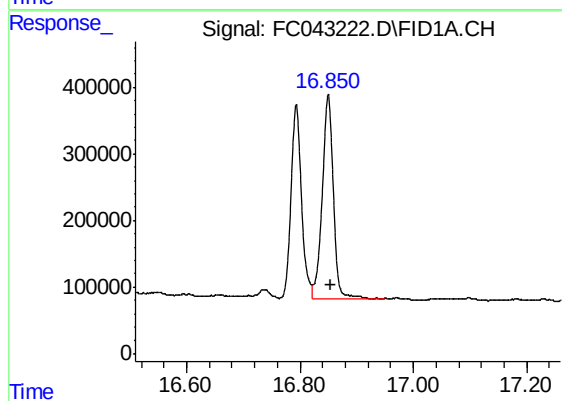
#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: 0.002 min
Response: 7849229
Conc: 61.27 ug/ml m



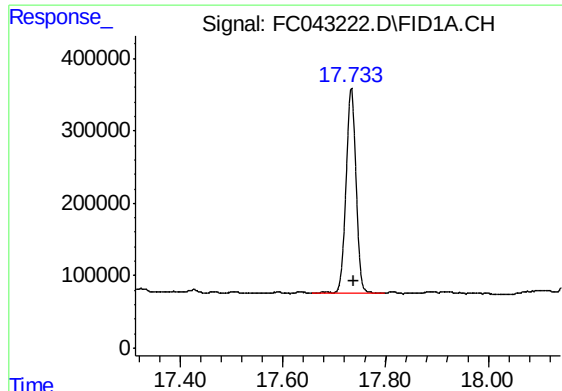
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.002 min
Response: 3959681
Conc: 31.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: -0.005 min
Response: 4161467
Conc: 33.89 ug/ml



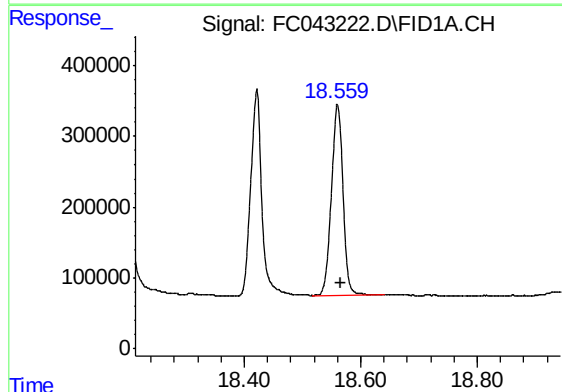
#17 n-Tricontane (C30)

R.T.: 17.733 min
Delta R.T.: -0.004 min
Response: 3874624
Conc: 32.13 ug/ml

Instrument :
FID_C
ClientSampleId :

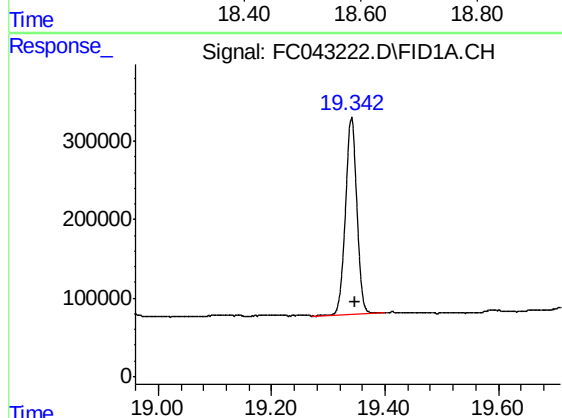
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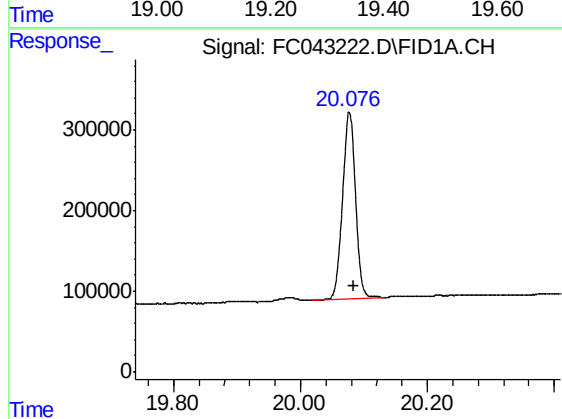
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: -0.005 min
Response: 3756328
Conc: 32.93 ug/ml



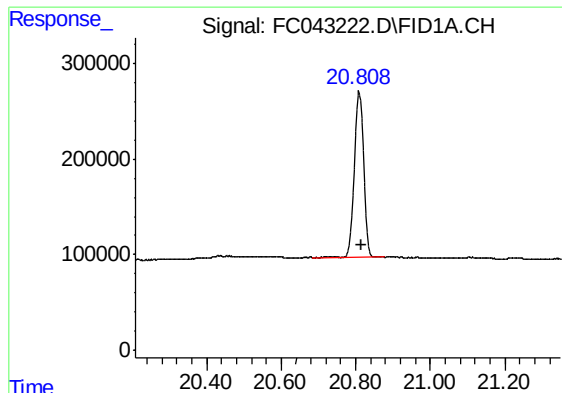
#19 n-Tetatriacontane (C34)

R.T.: 19.341 min
Delta R.T.: -0.005 min
Response: 3501957
Conc: 32.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: -0.007 min
Response: 3266046
Conc: 31.02 ug/ml



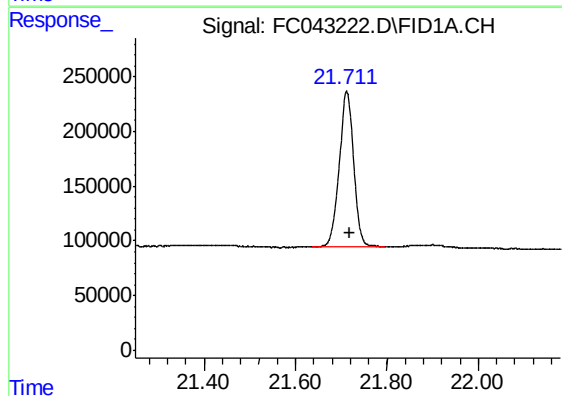
#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.006 min
Response: 3038266
Conc: 32.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: -0.008 min
Response: 3091864
Conc: 32.00 ug/ml