

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110918AL\
 Data File : FC037537.D
 Signal(s) : FID1A.CH
 Acq On : 10 Nov 2018 6:28
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 11/12/2018 11:33:10 AM

Integration File: autoint1.e
 Quant Time: Nov 10 09:47:23 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 103018.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 31 05:57:18 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)	11.319	2427785	16.718 ug/ml
Spiked Amount 50.000		Recovery =	33.44%
12) S 1-chlorooctadecane (S...	12.762	2288002	20.421 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
Target Compounds			
1) T n-Nonane (C9)	3.145	2426293	20.277 ug/mlm
2) T n-Decane (C10)	4.205	2558335	21.168 ug/ml
3) T A~Naphthalene (C11.7)	5.769	2924350	21.582 ug/ml
4) T n-Dodecane (C12)	6.213	2678432	21.158 ug/ml
5) T A~2-methylnaphthalene...	6.818	2925293	21.290 ug/ml
6) T n-Tetradecane (C14)	7.996	2730496	20.747 ug/ml
7) T n-Hexadecane (C16)	9.587	2781041	20.553 ug/ml
8) T n-Octadecane (C18)	11.021	2768381	19.749 ug/ml
10) T n-Eicosane (C20)	12.323	2751104	20.252 ug/ml
11) T n-Heneicosane (C21)	12.931	2719769	20.778 ug/ml
13) T n-Docosane (C22)	13.515	2722926	20.974 ug/ml
14) T n-Tetracosane (C24)	14.613	2768299	21.747 ug/ml
15) T n-Hexacosane (C26)	15.629	2812988	22.477 ug/mlm
16) T n-Octacosane (C28)	16.576	3018589	23.799 ug/ml
17) T n-Tricontane (C30)	17.461	3188786	23.139 ug/ml
18) T n-Dotriacontane (C32)	18.290	3315727	21.715 ug/ml
19) T n-Tetratriacontane (C34)	19.072	3262857	23.187 ug/mlm
20) T n-Hexatriacontane (C36)	19.806	3189081	23.563 ug/mlm
21) T n-Octatriacontane (C38)	20.510	3170353	23.599 ug/mlm
22) T n-Tetracontane (C40)	21.328	3177495	21.662 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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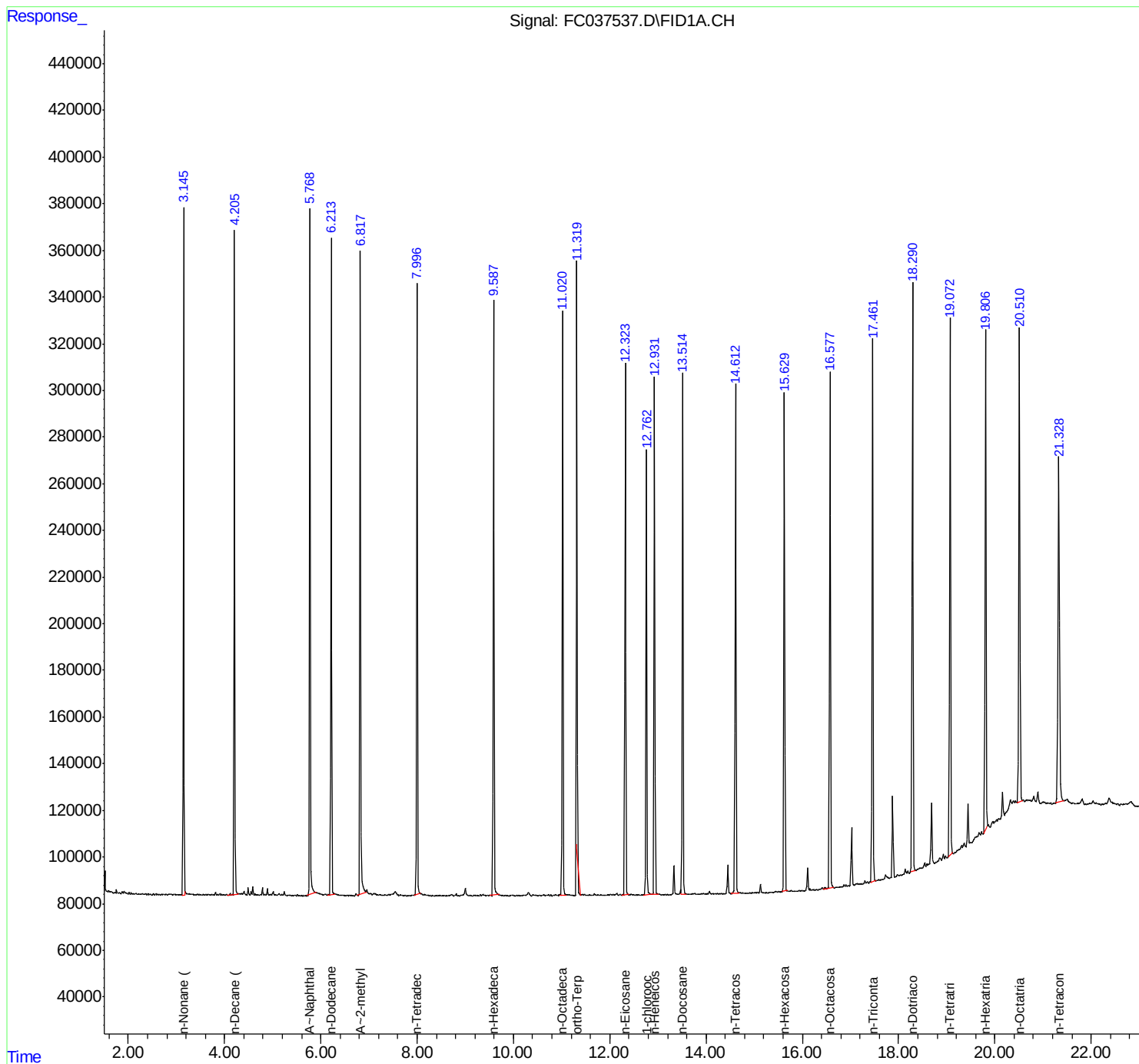
Instrument :
FID_C
ClientSampled :

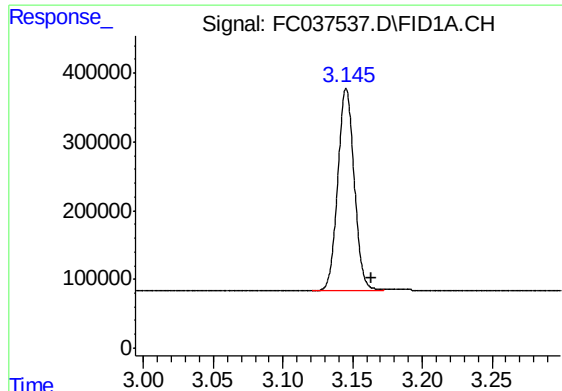
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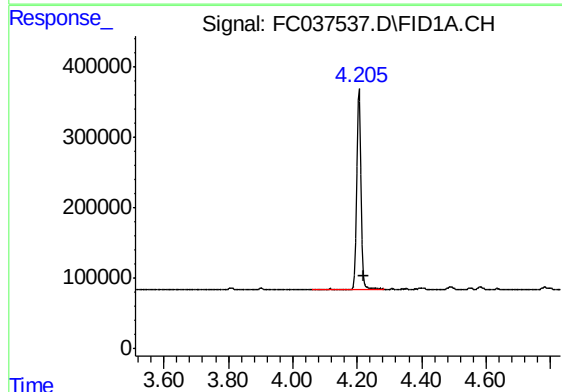
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: -0.019 min
Response: 2426293
Conc: 20.28 ug/ml m

Instrument :
FID_C
ClientSampleId :

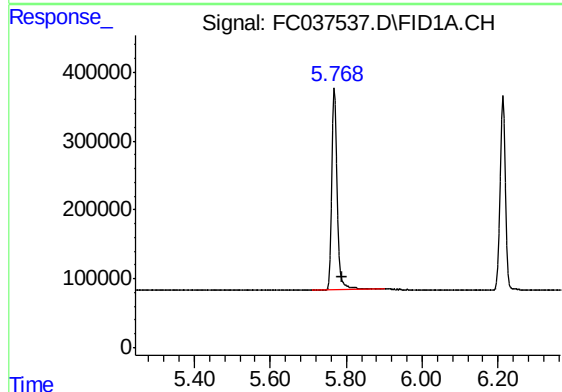
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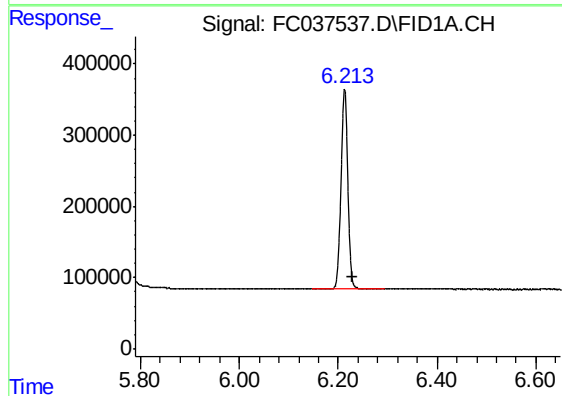
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: -0.017 min
Response: 2558335
Conc: 21.17 ug/ml



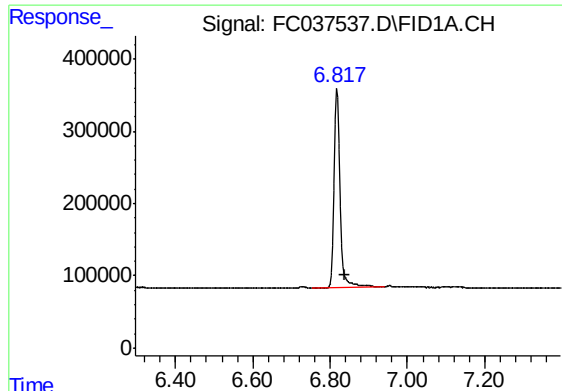
#3 A~Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: -0.021 min
Response: 2924350
Conc: 21.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.213 min
Delta R.T.: -0.017 min
Response: 2678432
Conc: 21.16 ug/ml



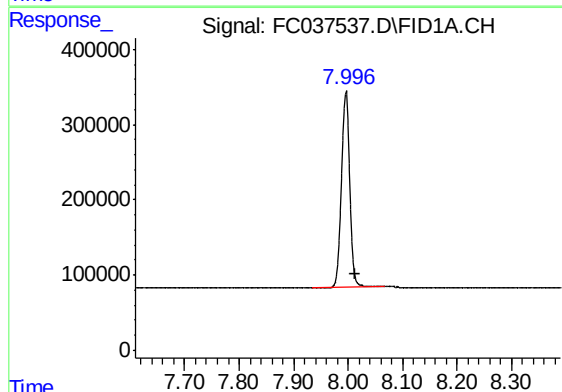
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.818 min
Delta R.T.: -0.021 min
Response: 2925293
Conc: 21.29 ug/ml

Instrument :
FID_C
ClientSampleId :

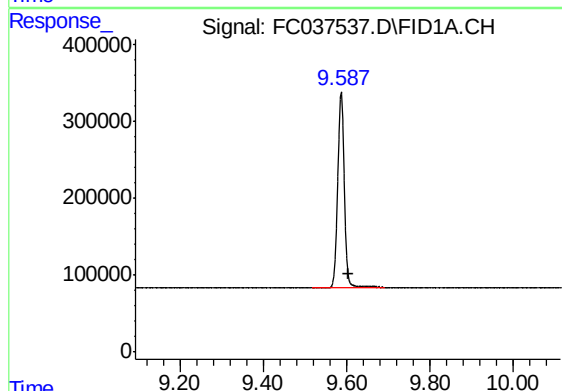
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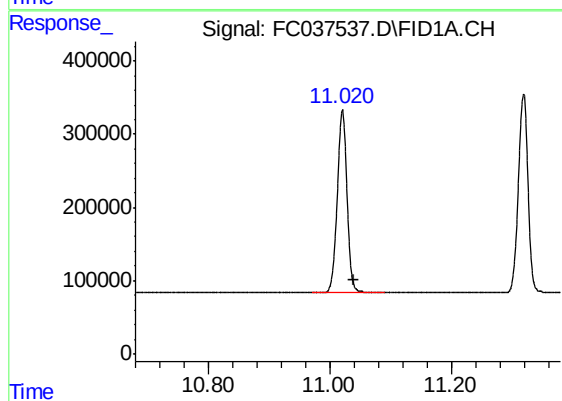
#6 n-Tetradecane (C14)

R.T.: 7.996 min
Delta R.T.: -0.018 min
Response: 2730496
Conc: 20.75 ug/ml



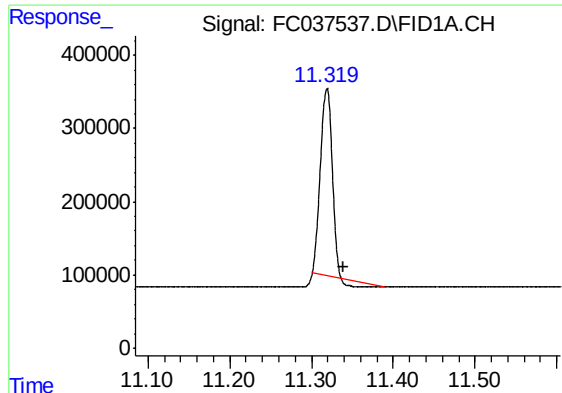
#7 n-Hexadecane (C16)

R.T.: 9.587 min
Delta R.T.: -0.018 min
Response: 2781041
Conc: 20.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.021 min
Delta R.T.: -0.017 min
Response: 2768381
Conc: 19.75 ug/ml



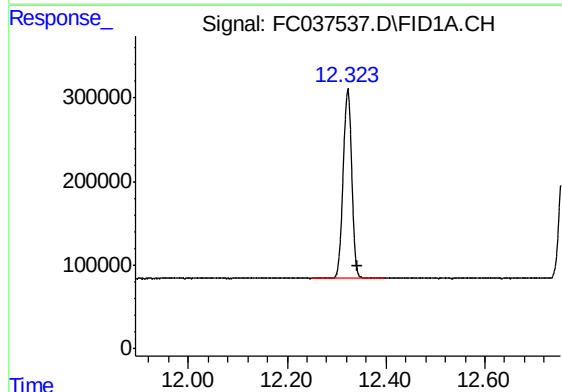
#9 ortho-Terphenyl (SURR)

R.T.: 11.319 min
Delta R.T.: -0.020 min
Response: 2427785
Conc: 16.72 ug/ml

Instrument :
FID_C
ClientSampleId :

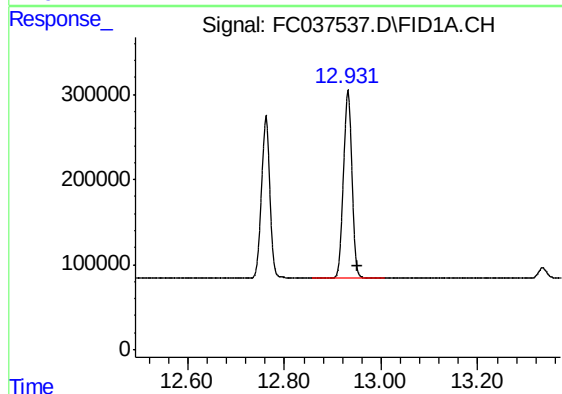
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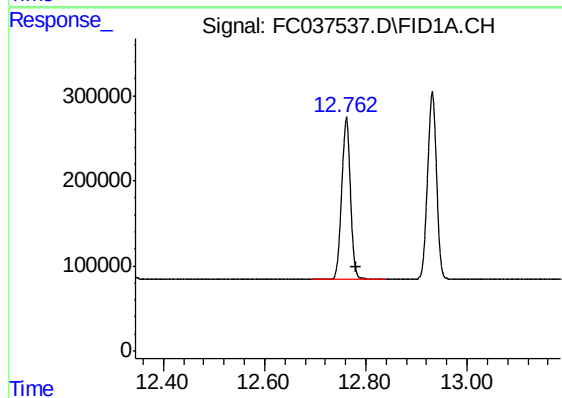
#10 n-Eicosane (C20)

R.T.: 12.323 min
Delta R.T.: -0.019 min
Response: 2751104
Conc: 20.25 ug/ml



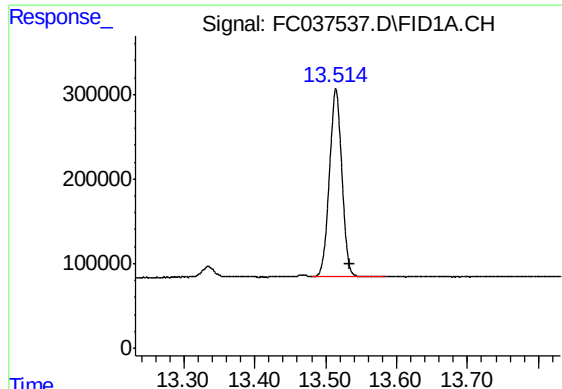
#11 n-Heneicosane (C21)

R.T.: 12.931 min
Delta R.T.: -0.019 min
Response: 2719769
Conc: 20.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.762 min
Delta R.T.: -0.020 min
Response: 2288002
Conc: 20.42 ug/ml



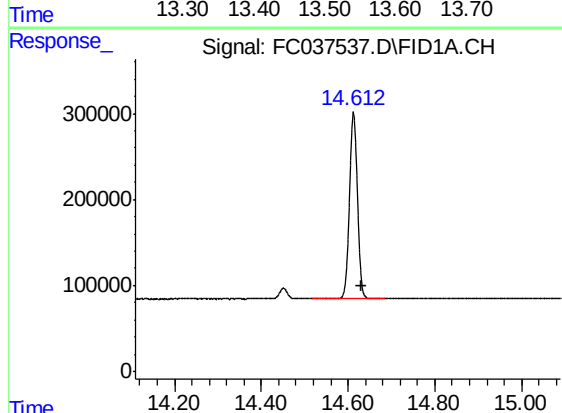
#13 n-Docosane (C22)

R.T.: 13.515 min
Delta R.T.: -0.020 min
Response: 2722926
Conc: 20.97 ug/ml

Instrument :
FID_C
ClientSampleId :

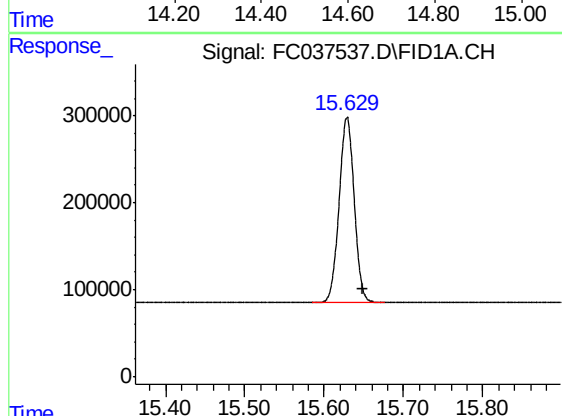
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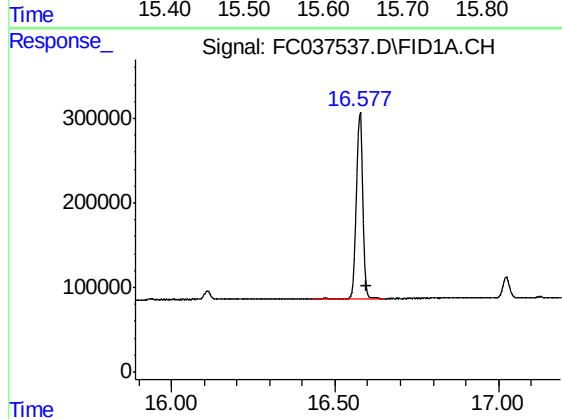
#14 n-Tetracosane (C24)

R.T.: 14.613 min
Delta R.T.: -0.019 min
Response: 2768299
Conc: 21.75 ug/ml



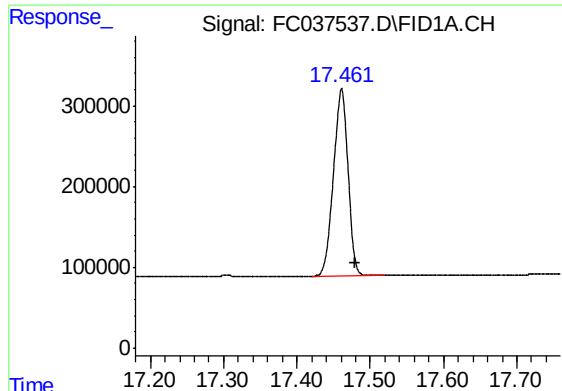
#15 n-Hexacosane (C26)

R.T.: 15.629 min
Delta R.T.: -0.019 min
Response: 2812988
Conc: 22.48 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.576 min
Delta R.T.: -0.019 min
Response: 3018589
Conc: 23.80 ug/ml



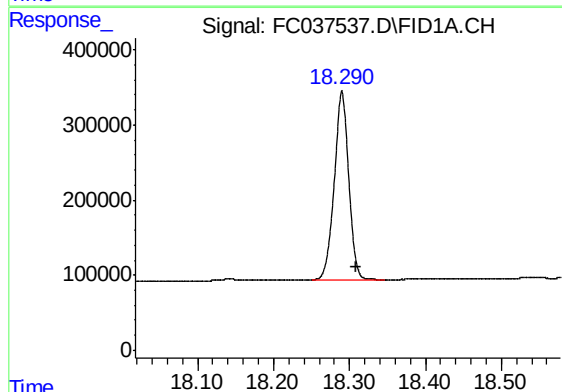
#17 n-Tricontane (C30)

R.T.: 17.461 min
Delta R.T.: -0.018 min
Response: 3188786
Conc: 23.14 ug/ml

Instrument :
FID_C
ClientSampleId :

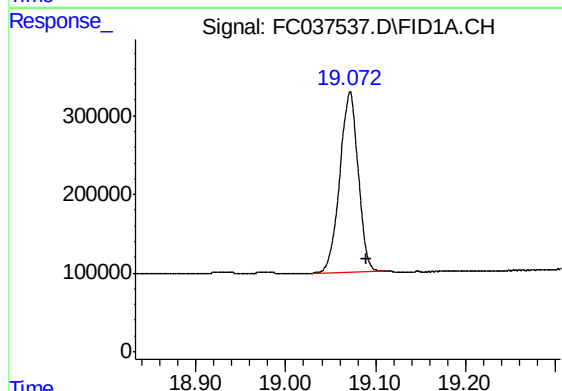
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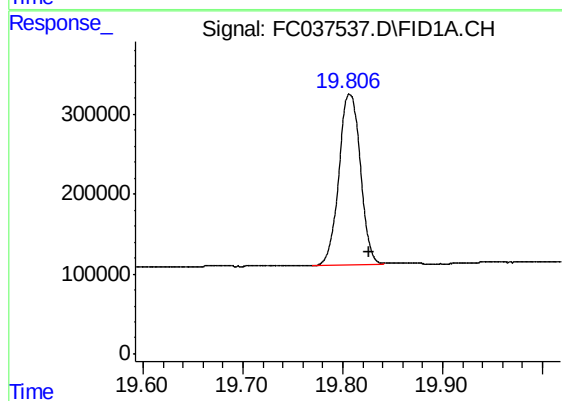
#18 n-Dotriacontane (C32)

R.T.: 18.290 min
Delta R.T.: -0.019 min
Response: 3315727
Conc: 21.72 ug/ml



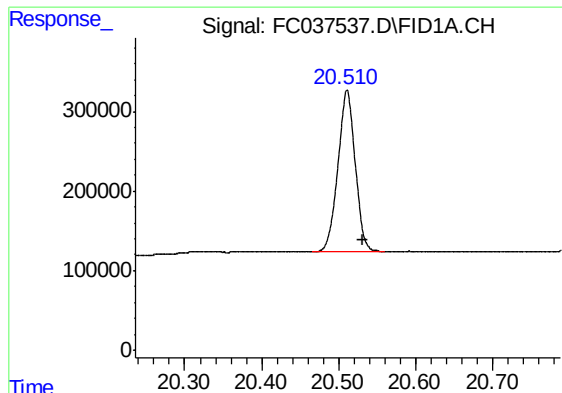
#19 n-Tetatriacontane (C34)

R.T.: 19.072 min
Delta R.T.: -0.019 min
Response: 3262857
Conc: 23.19 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.806 min
Delta R.T.: -0.020 min
Response: 3189081
Conc: 23.56 ug/ml m



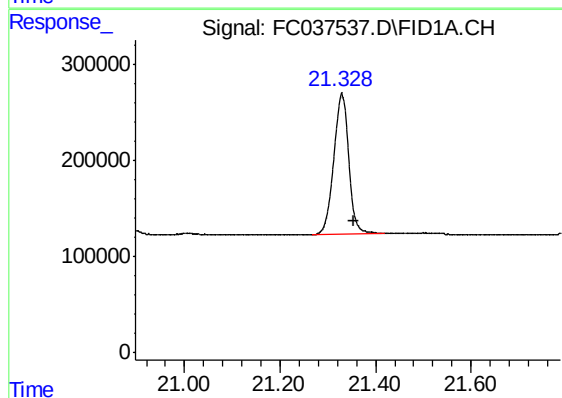
#21 n-Octatriacontane (C38)

R.T.: 20.510 min
Delta R.T.: -0.022 min
Response: 3170353
Conc: 23.60 ug/ml m

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.328 min
Delta R.T.: -0.026 min
Response: 3177495
Conc: 21.66 ug/ml m