

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110918AL\
 Data File : FC037559.D
 Signal(s) : FID1A.CH
 Acq On : 10 Nov 2018 20:06
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Sohil
 11/12/2018 11:33:24 AM

Integration File: autoint1.e
 Quant Time: Nov 11 13:36:46 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.316	3067275	21.121 ug/ml
Spiked Amount 50.000		Recovery =	42.24%
12) S 1-chlorooctadecane (S...	12.759	2377497	21.220 ug/ml
Spiked Amount 50.000		Recovery =	42.44%
Target Compounds			
1) T n-Nonane (C9)	3.145	2505567	20.940 ug/ml
2) T n-Decane (C10)	4.204	2626562	21.733 ug/ml
3) T A~Naphthalene (C11.7)	5.767	2941247	21.707 ug/ml
4) T n-Dodecane (C12)	6.211	2679162	21.164 ug/ml
5) T A~2-methylnaphthalene...	6.816	2946865	21.447 ug/ml
6) T n-Tetradecane (C14)	7.994	2723177	20.691 ug/ml
7) T n-Hexadecane (C16)	9.584	2794241	20.651 ug/ml
8) T n-Octadecane (C18)	11.018	2815037	20.081 ug/ml
10) T n-Eicosane (C20)	12.320	2830686	20.838 ug/ml
11) T n-Heneicosane (C21)	12.929	2816365	21.516 ug/ml
13) T n-Docosane (C22)	13.513	2830849	21.805 ug/ml
14) T n-Tetracosane (C24)	14.610	2897964	22.766 ug/ml
15) T n-Hexacosane (C26)	15.626	2965690	23.697 ug/mlm
16) T n-Octacosane (C28)	16.573	3157853	24.897 ug/ml
17) T n-Tricontane (C30)	17.458	3349976	24.309 ug/ml
18) T n-Dotriacontane (C32)	18.287	3586037	23.485 ug/ml
19) T n-Tetratriacontane (C34)	19.068	3476102	24.703 ug/ml
20) T n-Hexatriacontane (C36)	19.804	3355454	24.793 ug/mlm
21) T n-Octatriacontane (C38)	20.507	3332830	24.809 ug/ml
22) T n-Tetracontane (C40)	21.326	3243266	22.110 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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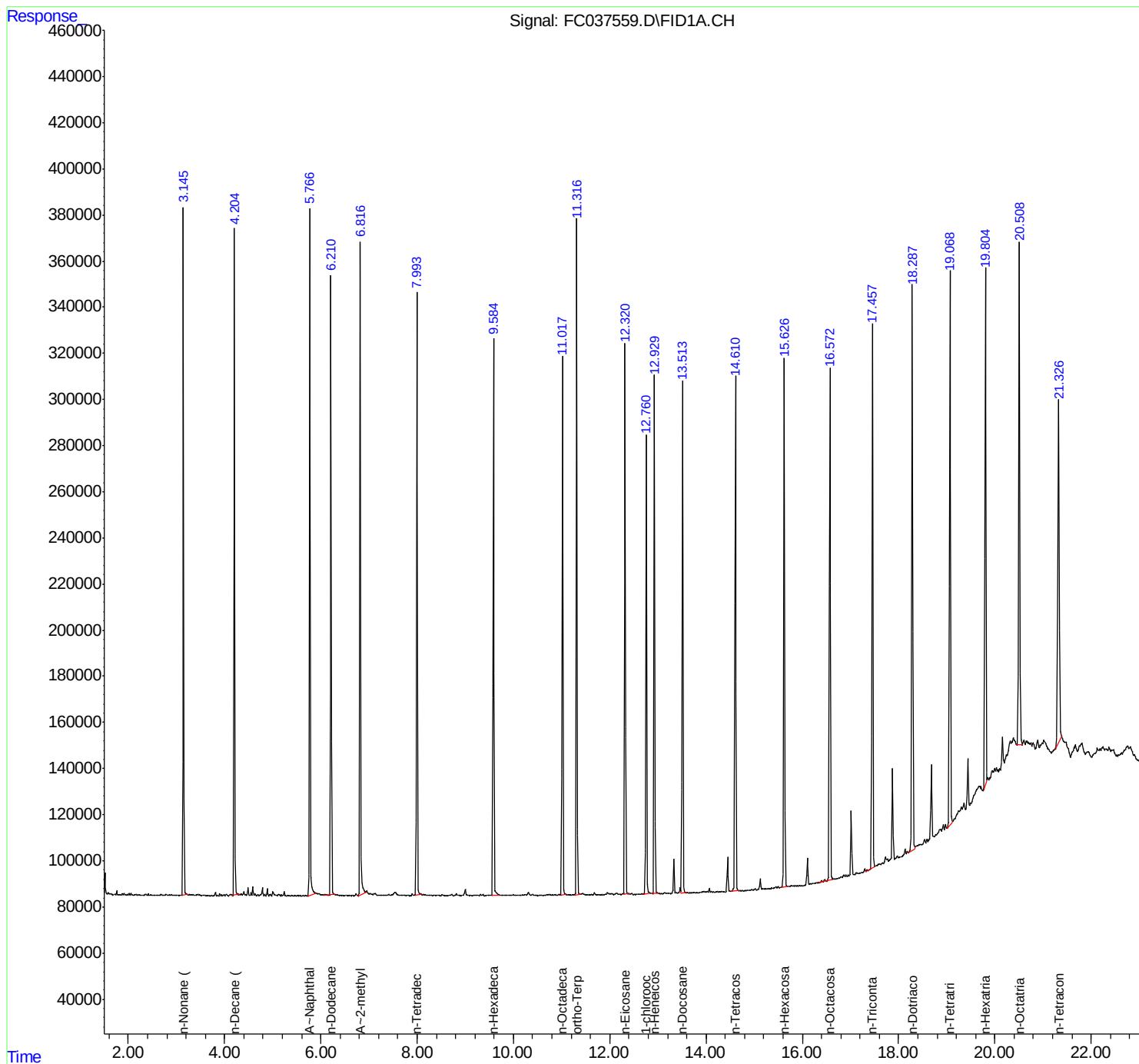
Instrument :
FID_C
ClientSampleId :

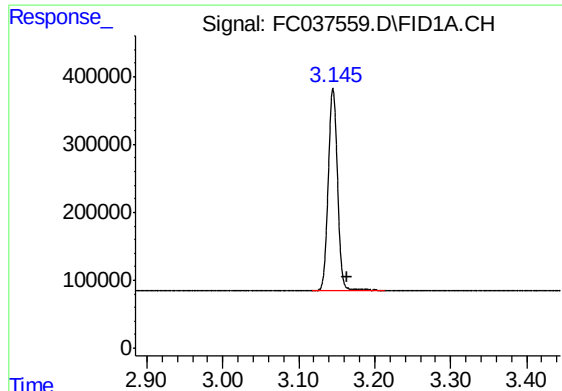
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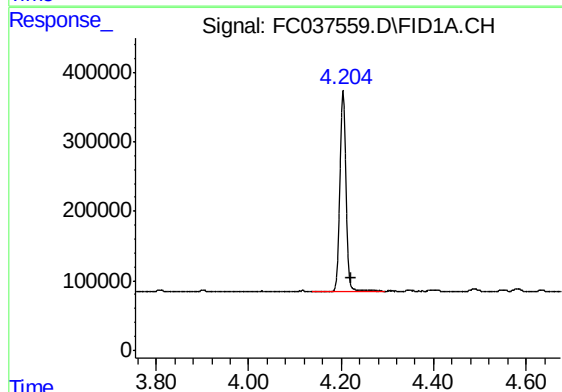
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: -0.019 min
Response: 2505567
Conc: 20.94 ug/ml

Instrument :
FID_C
ClientSampleId :

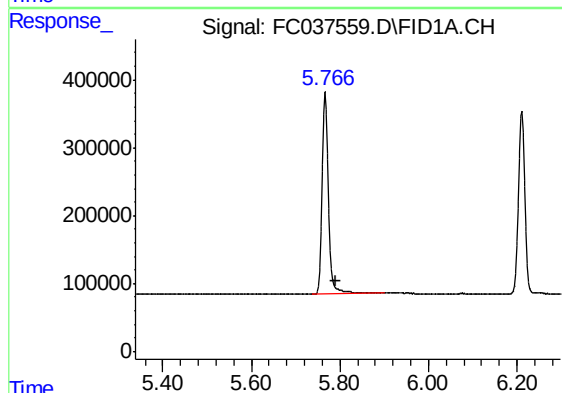
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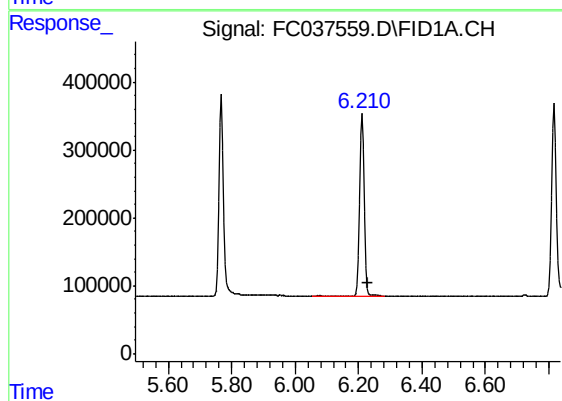
#2 n-Decane (C10)

R.T.: 4.204 min
Delta R.T.: -0.018 min
Response: 2626562
Conc: 21.73 ug/ml



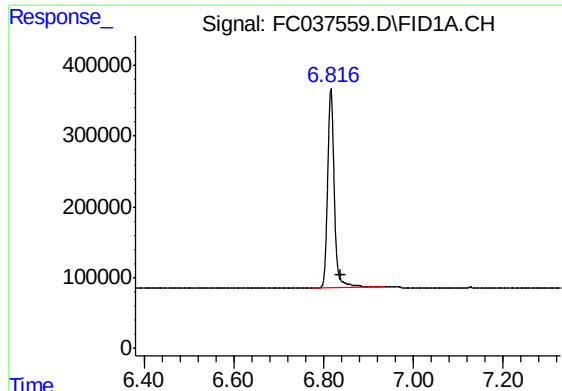
#3 A~Naphthalene (C11.7)

R.T.: 5.767 min
Delta R.T.: -0.023 min
Response: 2941247
Conc: 21.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.211 min
Delta R.T.: -0.019 min
Response: 2679162
Conc: 21.16 ug/ml



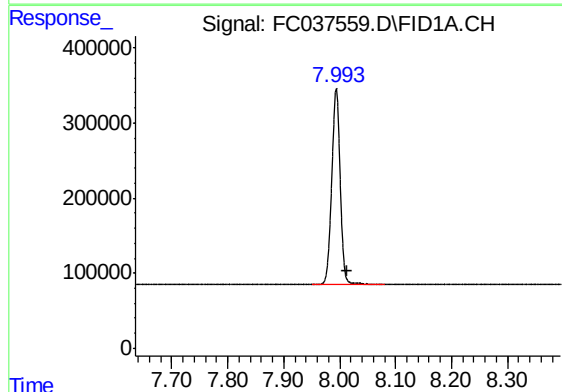
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.816 min
Delta R.T.: -0.023 min
Response: 2946865
Conc: 21.45 ug/ml

Instrument :
FID_C
ClientSampleId :

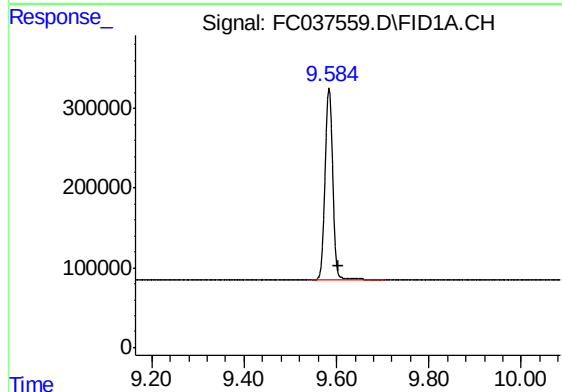
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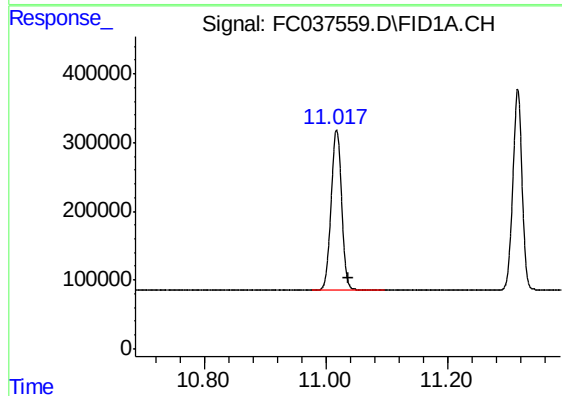
#6 n-Tetradecane (C14)

R.T.: 7.994 min
Delta R.T.: -0.019 min
Response: 2723177
Conc: 20.69 ug/ml



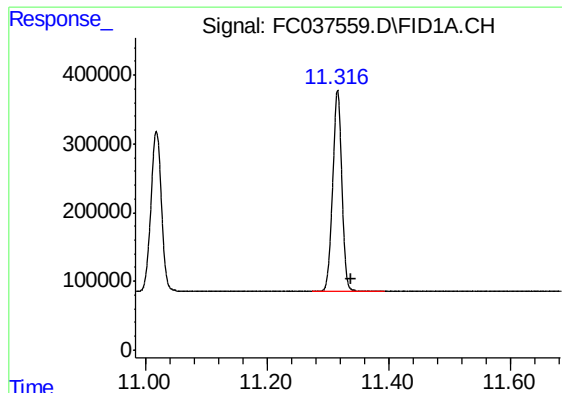
#7 n-Hexadecane (C16)

R.T.: 9.584 min
Delta R.T.: -0.020 min
Response: 2794241
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.018 min
Delta R.T.: -0.020 min
Response: 2815037
Conc: 20.08 ug/ml



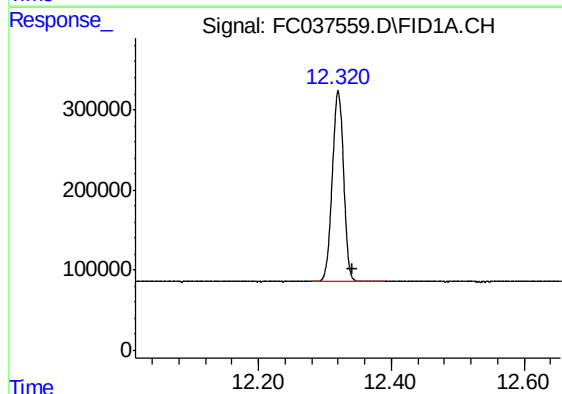
#9 ortho-Terphenyl (SURR)

R.T.: 11.316 min
Delta R.T.: -0.023 min
Response: 3067275
Conc: 21.12 ug/ml

Instrument :
FID_C
ClientSampleId :

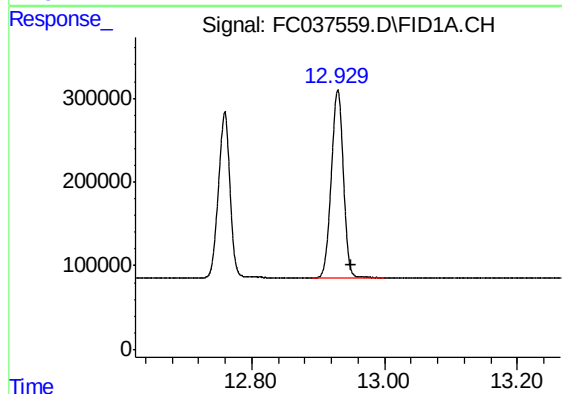
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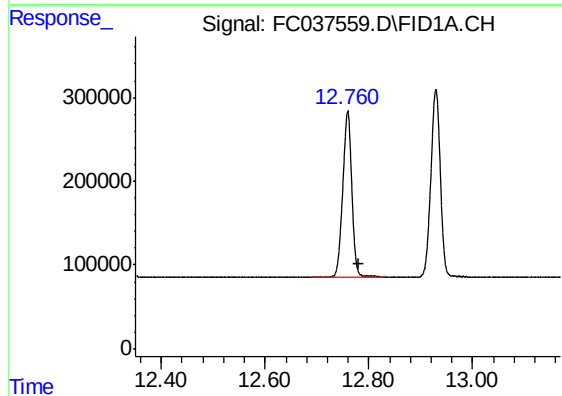
#10 n-Eicosane (C20)

R.T.: 12.320 min
Delta R.T.: -0.021 min
Response: 2830686
Conc: 20.84 ug/ml



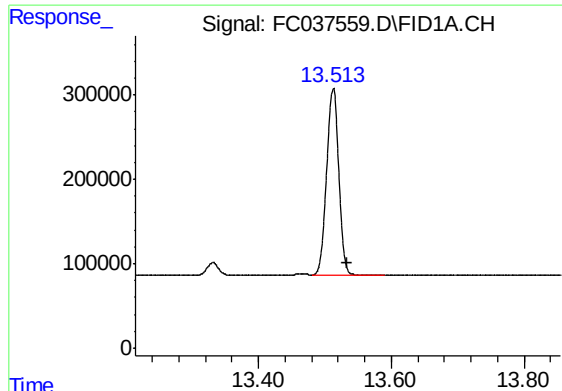
#11 n-Heneicosane (C21)

R.T.: 12.929 min
Delta R.T.: -0.021 min
Response: 2816365
Conc: 21.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.759 min
Delta R.T.: -0.022 min
Response: 2377497
Conc: 21.22 ug/ml



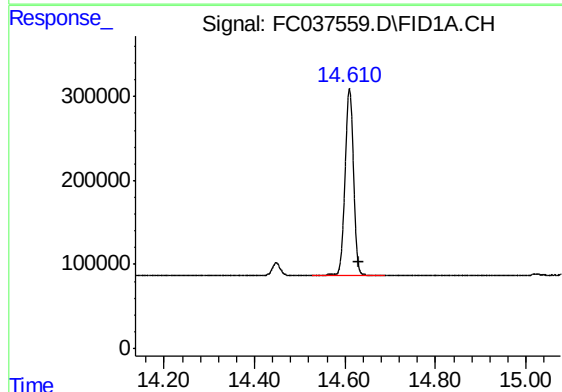
#13 n-Docosane (C22)

R.T.: 13.513 min
Delta R.T.: -0.022 min
Response: 2830849
Conc: 21.80 ug/ml

Instrument :
FID_C
ClientSampleId :

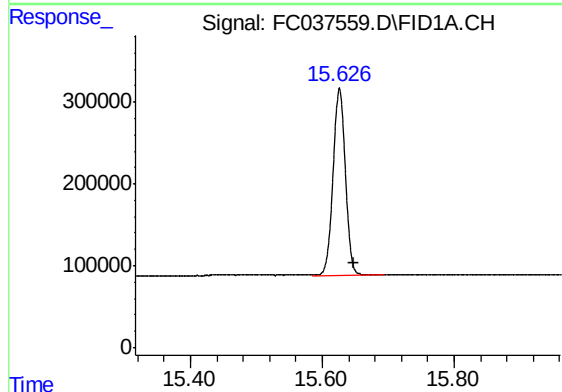
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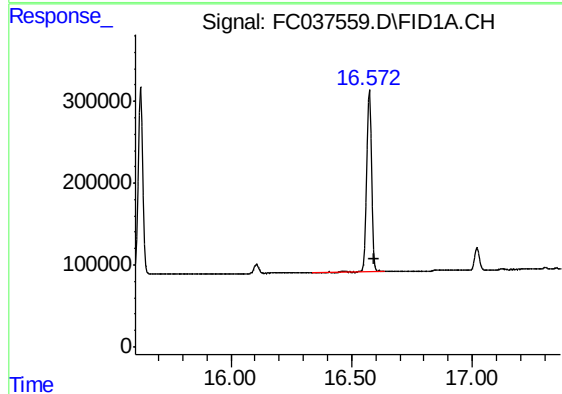
#14 n-Tetracosane (C24)

R.T.: 14.610 min
Delta R.T.: -0.022 min
Response: 2897964
Conc: 22.77 ug/ml



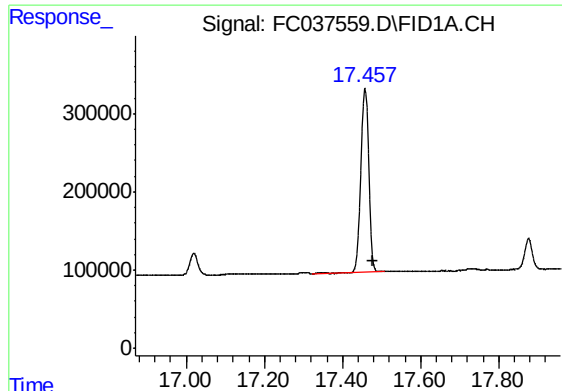
#15 n-Hexacosane (C26)

R.T.: 15.626 min
Delta R.T.: -0.023 min
Response: 2965690
Conc: 23.70 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.573 min
Delta R.T.: -0.022 min
Response: 3157853
Conc: 24.90 ug/ml



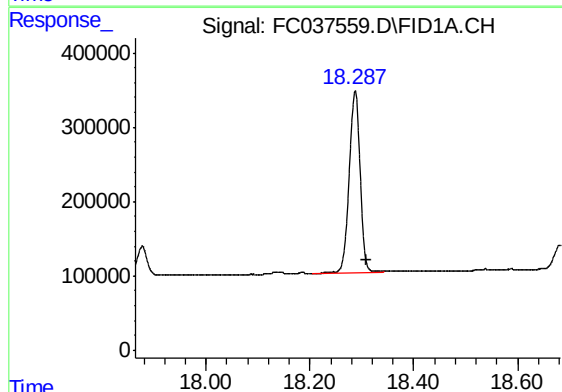
#17 n-Tricontane (C30)

R.T.: 17.458 min
Delta R.T.: -0.020 min
Response: 3349976
Conc: 24.31 ug/ml

Instrument :
FID_C
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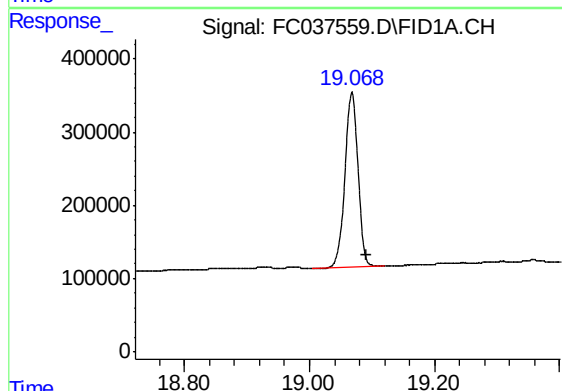
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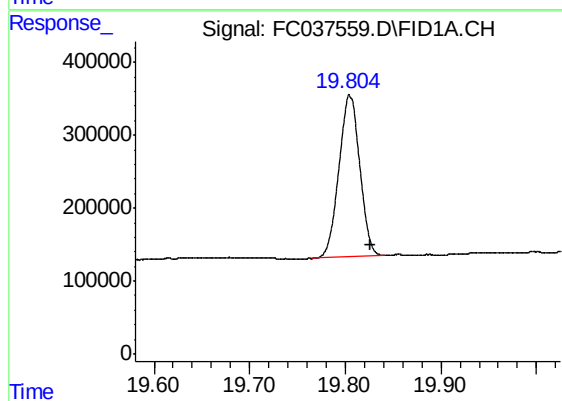
#18 n-Dotriacontane (C32)

R.T.: 18.287 min
Delta R.T.: -0.022 min
Response: 3586037
Conc: 23.49 ug/ml



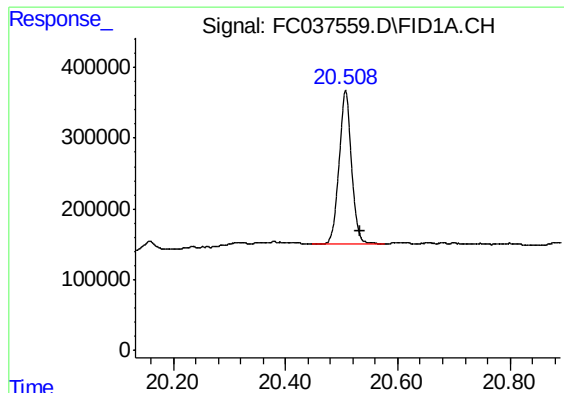
#19 n-Tetatriacontane (C34)

R.T.: 19.068 min
Delta R.T.: -0.023 min
Response: 3476102
Conc: 24.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.804 min
Delta R.T.: -0.022 min
Response: 3355454
Conc: 24.79 ug/ml m



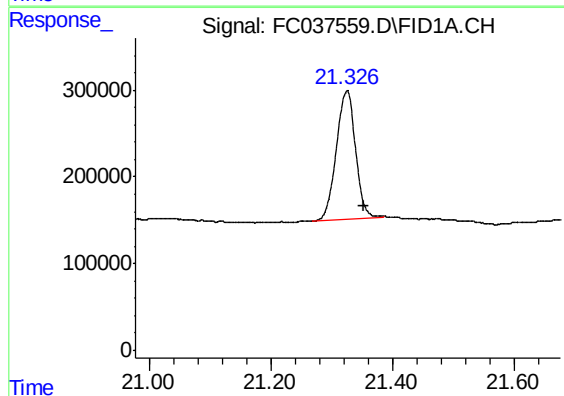
#21 n-Octatriacontane (C38)

R.T.: 20.507 min
Delta R.T.: -0.025 min
Response: 3332830
Conc: 24.81 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.326 min
Delta R.T.: -0.028 min
Response: 3243266
Conc: 22.11 ug/ml m