

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122319AL\
 Data File : FC045035.D
 Signal(s) : FID1A.CH
 Acq On : 24 Dec 2019 1:07
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Ankita
 12/24/2019 8:49:04 AM

Integration File: autoint1.e
 Quant Time: Dec 24 02:44:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 02:42:23 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)	11.759	537573	4.573 ug/ml
Spiked Amount 50.000		Recovery =	9.15%
12) S 1-chlorooctadecane (S...	13.183	422877	4.581 ug/ml
Spiked Amount 50.000		Recovery =	9.16%
Target Compounds			
1) T n-Nonane (C9)	3.512	476167	4.552 ug/ml
2) T n-Decane (C10)	4.585	475484	4.534 ug/ml
3) T A~Naphthalene (C11.7)	6.185	523445	4.491 ug/ml
4) T n-Dodecane (C12)	6.602	481410	4.555 ug/ml
5) T A~2-methylnaphthalene...	7.239	519762	4.435 ug/ml
6) T n-Tetradecane (C14)	8.393	478437	4.516 ug/ml
7) T n-Hexadecane (C16)	9.991	486607	4.555 ug/ml
8) T n-Octadecane (C18)	11.429	492618	4.570 ug/ml
10) T n-Eicosane (C20)	12.736	497196	4.597 ug/ml
11) T n-Heneicosane (C21)	13.346	502568	4.598 ug/ml
13) T n-Docosane (C22)	13.931	503432	4.609 ug/ml
14) T n-Tetracosane (C24)	15.032	508910	4.608 ug/ml
15) T n-Hexacosane (C26)	16.051	511308	4.641 ug/ml
16) T n-Octacosane (C28)	16.998	509608	4.673 ug/ml
17) T n-Tricontane (C30)	17.883	500544	4.769 ug/ml
18) T n-Dotriacontane (C32)	18.715	429098	4.818 ug/ml
19) T n-Tetratriacontane (C34)	19.497	361257	4.755 ug/ml
20) T n-Hexatriacontane (C36)	20.232	320395	4.685 ug/ml
21) T n-Octatriacontane (C38)	21.004	290470	4.703 ug/ml
22) T n-Tetracontane (C40)	21.972	296383	4.886 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH
Acq On : 24 Dec 2019 1:07
Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 7 Sample Multiplier: 1

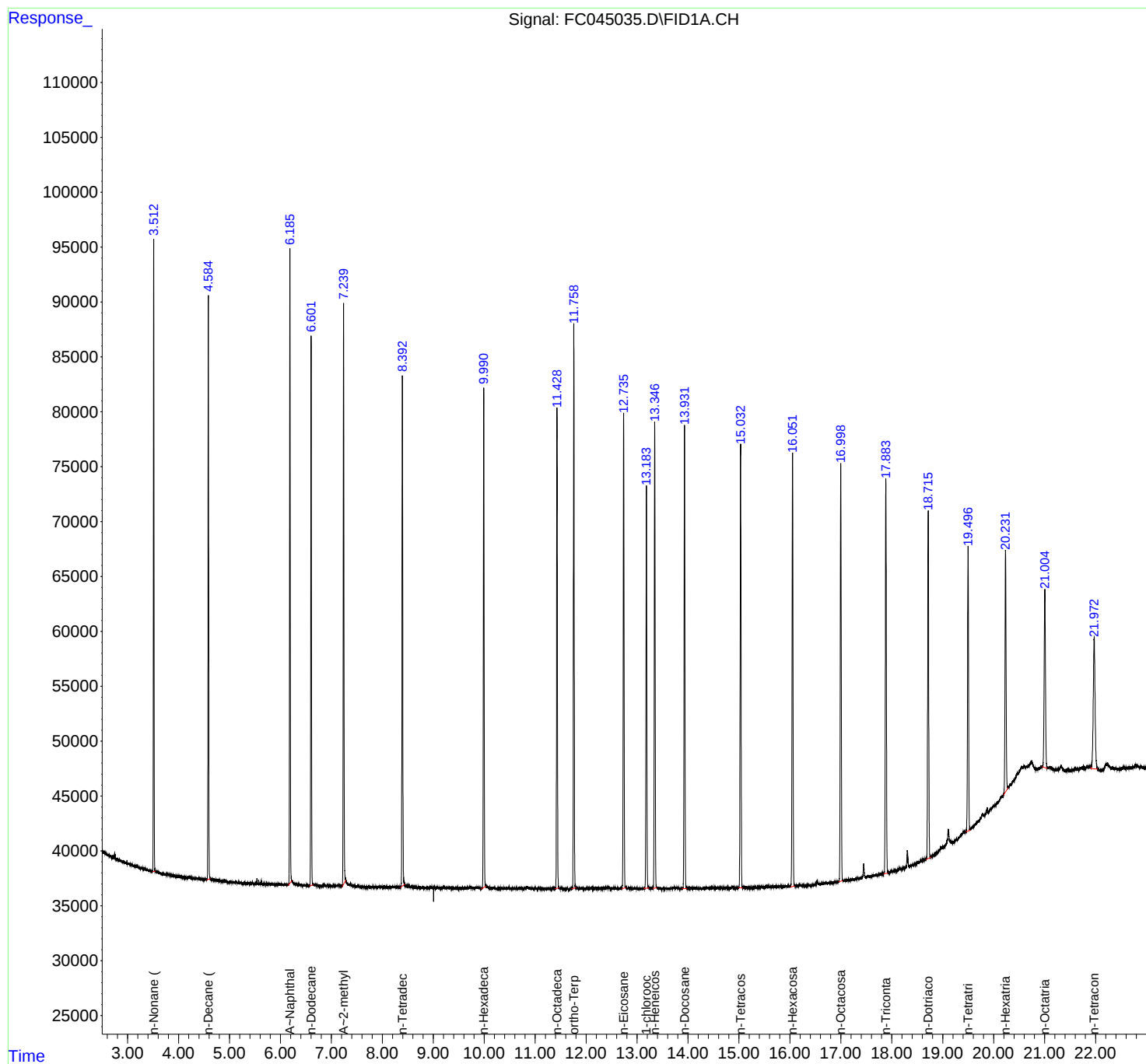
Instrument :
FID_C
ClientSampled :
5 PPM ALIPHATIC HC STD5

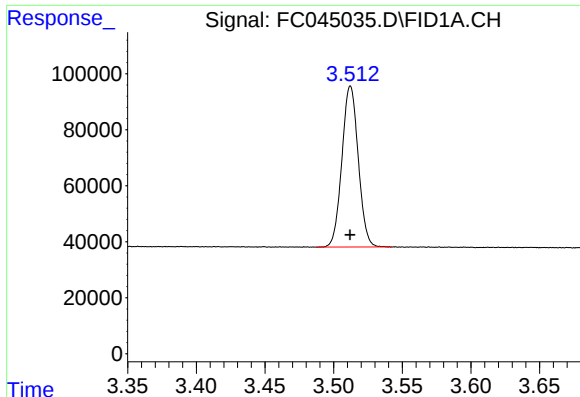
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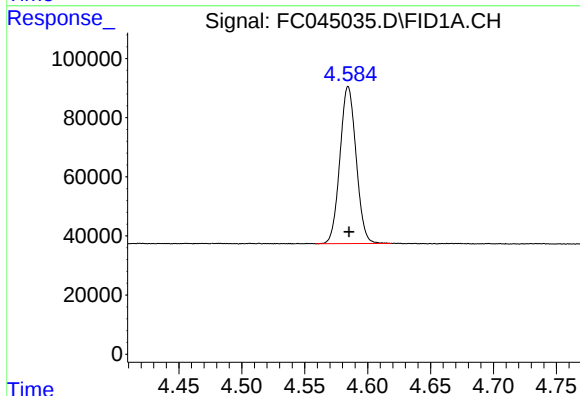
#1 n-Nonane (C9)

R.T.: 3.512 min
Delta R.T.: 0.000 min
Response: 476167
Conc: 4.55 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

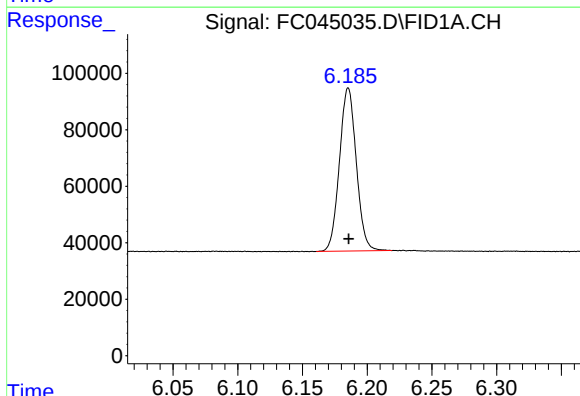
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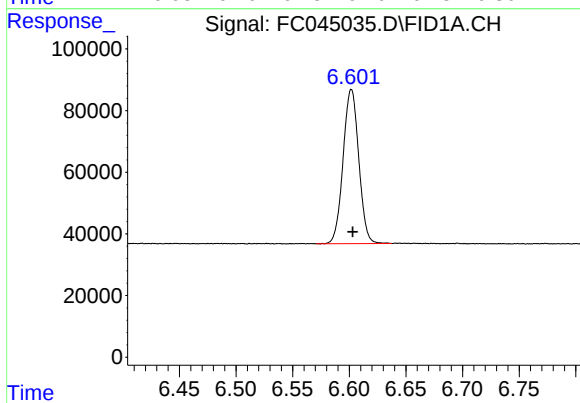
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 475484
Conc: 4.53 ug/ml



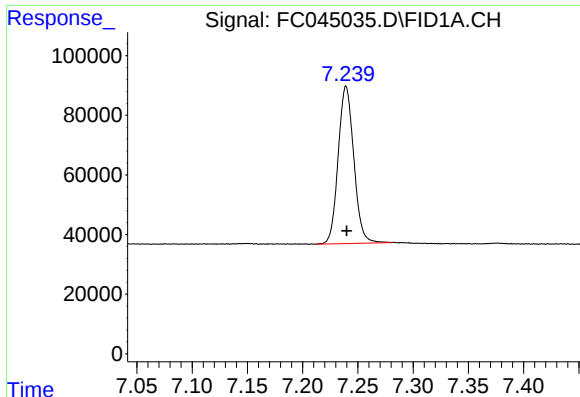
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 523445
Conc: 4.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.602 min
Delta R.T.: -0.001 min
Response: 481410
Conc: 4.56 ug/ml



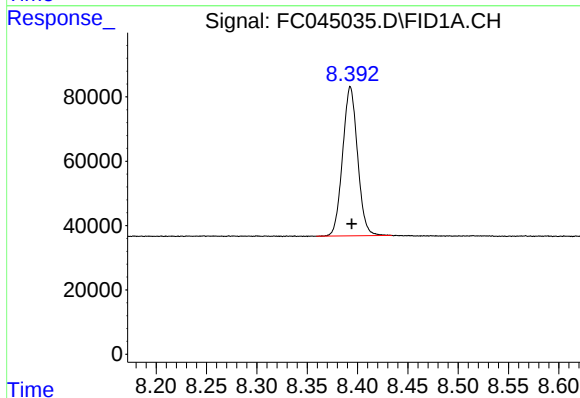
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.239 min
Delta R.T.: 0.000 min
Response: 519762
Conc: 4.44 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

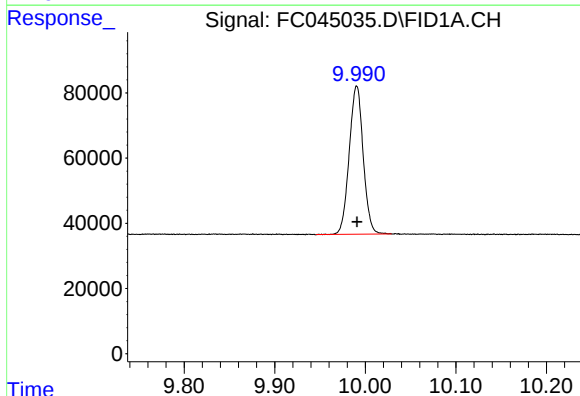
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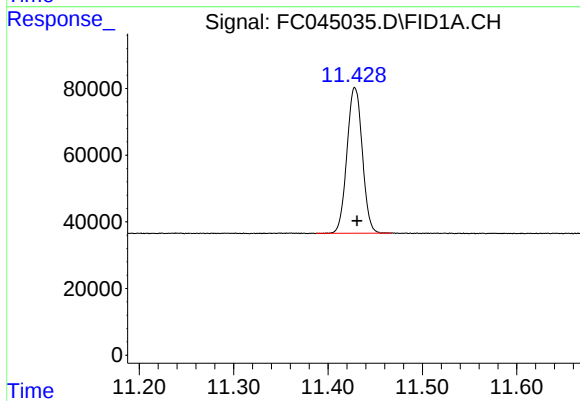
#6 n-Tetradecane (C14)

R.T.: 8.393 min
Delta R.T.: -0.001 min
Response: 478437
Conc: 4.52 ug/ml



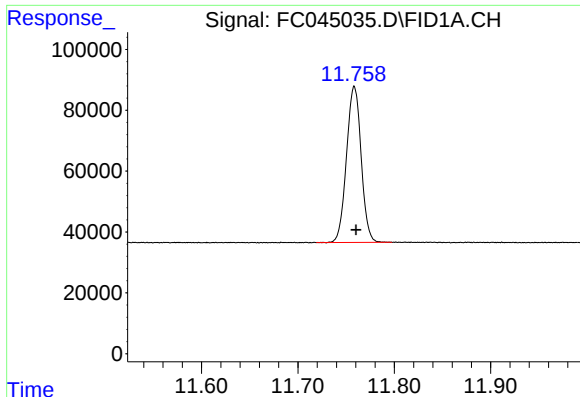
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: 0.000 min
Response: 486607
Conc: 4.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: -0.002 min
Response: 492618
Conc: 4.57 ug/ml



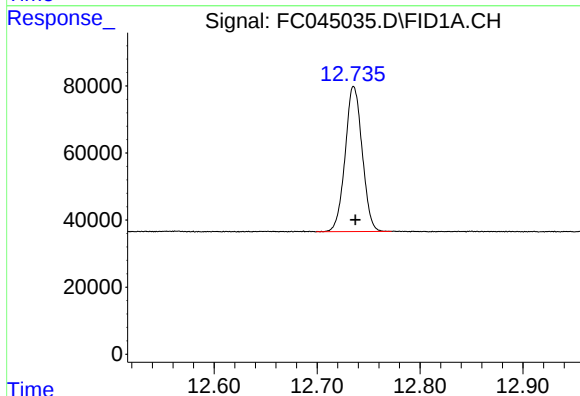
#9 ortho-Terphenyl (SURR)

R.T.: 11.759 min
Delta R.T.: -0.002 min
Response: 537573
Conc: 4.57 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

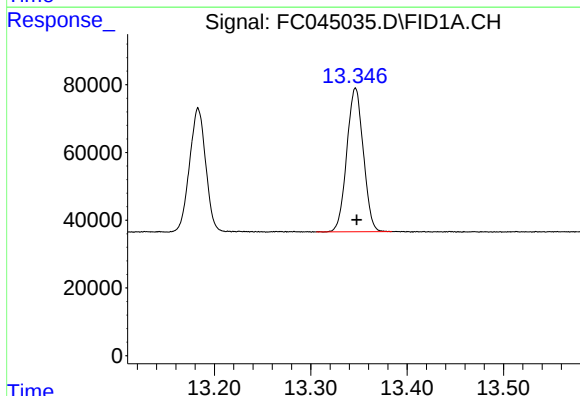
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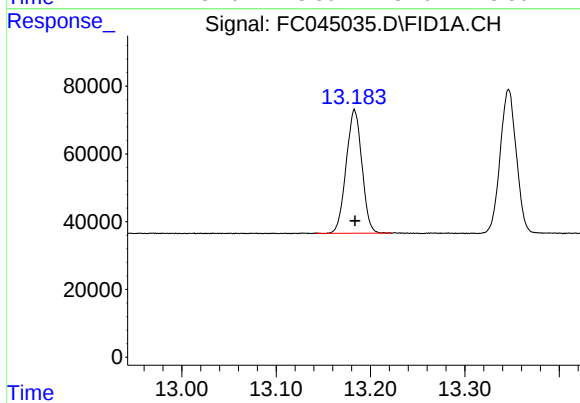
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: -0.001 min
Response: 497196
Conc: 4.60 ug/ml



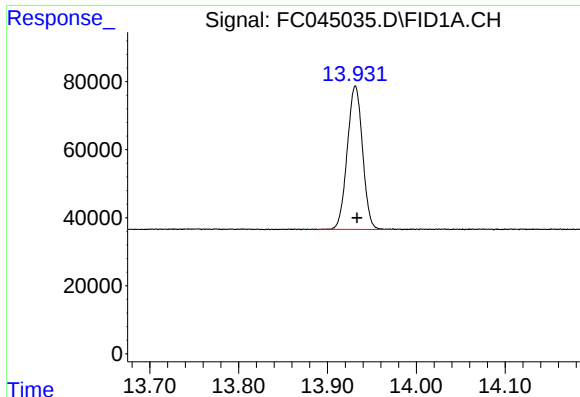
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: -0.001 min
Response: 502568
Conc: 4.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.183 min
Delta R.T.: 0.000 min
Response: 422877
Conc: 4.58 ug/ml



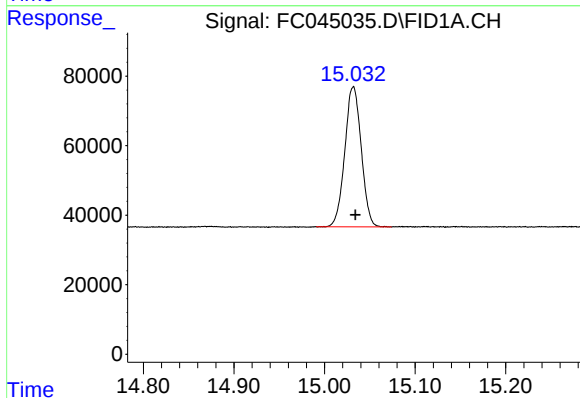
#13 n-Docosane (C22)

R.T.: 13.931 min
Delta R.T.: -0.002 min
Response: 503432
Conc: 4.61 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

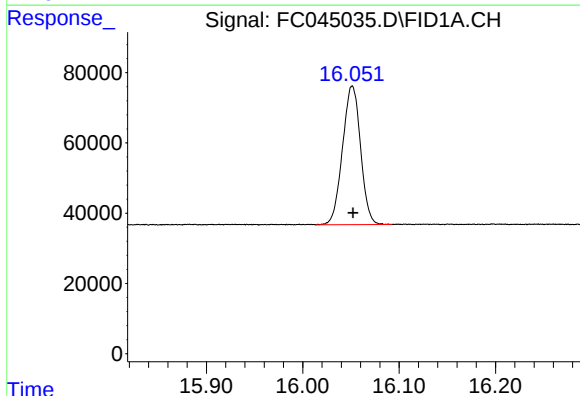
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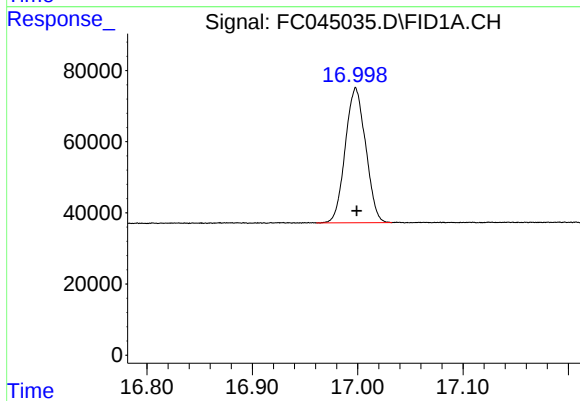
#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: -0.002 min
Response: 508910
Conc: 4.61 ug/ml



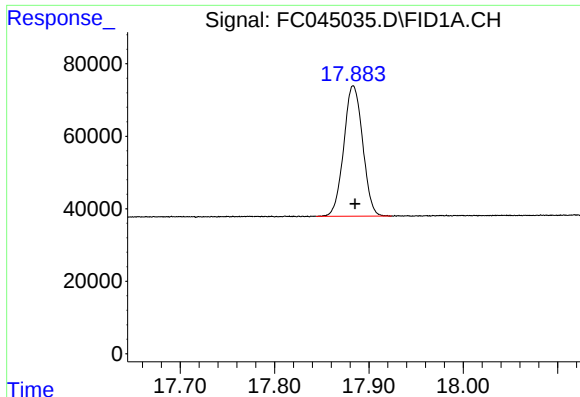
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: 0.000 min
Response: 511308
Conc: 4.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.998 min
Delta R.T.: 0.000 min
Response: 509608
Conc: 4.67 ug/ml



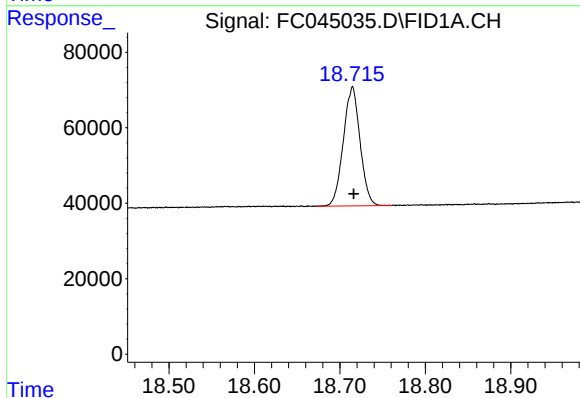
#17 n-Tricontane (C30)

R.T.: 17.883 min
Delta R.T.: -0.002 min
Response: 500544
Conc: 4.77 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

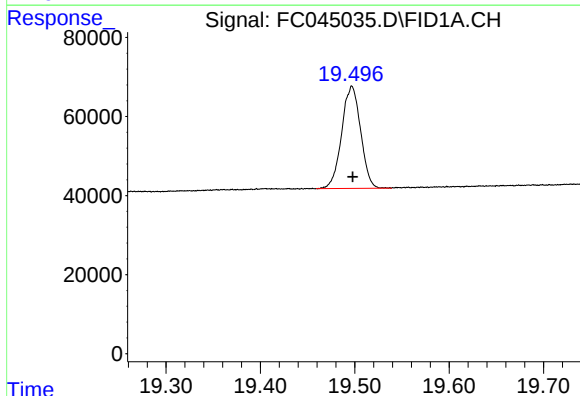
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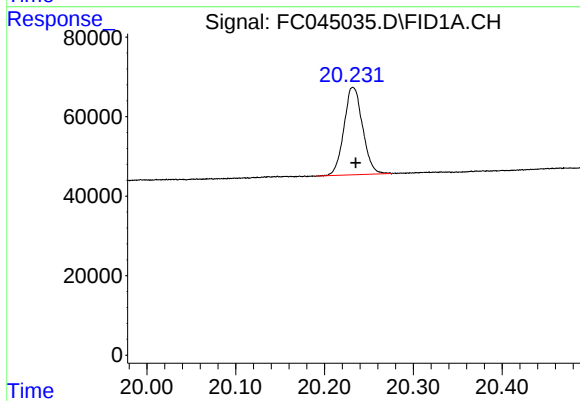
#18 n-Dotriacontane (C32)

R.T.: 18.715 min
Delta R.T.: -0.001 min
Response: 429098
Conc: 4.82 ug/ml



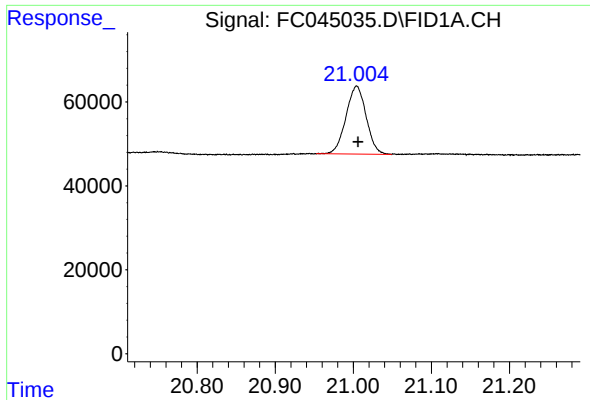
#19 n-Tetratriacontane (C34)

R.T.: 19.497 min
Delta R.T.: 0.000 min
Response: 361257
Conc: 4.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.232 min
Delta R.T.: -0.003 min
Response: 320395
Conc: 4.69 ug/ml



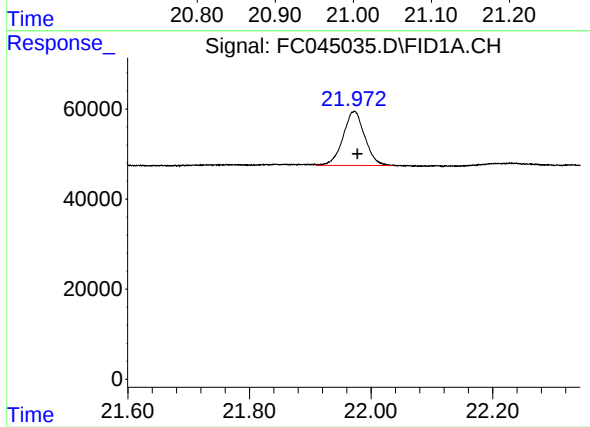
#21 n-Octatriacontane (C38)

R.T.: 21.004 min
Delta R.T.: -0.002 min
Response: 290470
Conc: 4.70 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

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#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: -0.005 min
Response: 296383
Conc: 4.89 ug/ml m