

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010919AL\
 Data File : FC038515.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jan 2019 15:52
 Operator : AJ\SJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Sohil
 1/10/2019 10:42:09 AM

Integration File: autoint1.e
 Quant Time: Jan 10 05:35:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010919.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 05:32:24 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)	11.269	1017851	9.226 ug/ml
Spiked Amount 50.000		Recovery =	18.45%
12) S 1-chlorooctadecane (S...	12.714	736530	9.117 ug/ml
Spiked Amount 50.000		Recovery =	18.23%
Target Compounds			
1) T n-Nonane (C9)	3.106	862587	9.457 ug/ml
2) T n-Decane (C10)	4.163	845785	9.237 ug/ml
3) T A~Naphthalene (C11.7)	5.727	917859	9.029 ug/ml
4) T n-Dodecane (C12)	6.168	859422	9.356 ug/ml
5) T A~2-methylnaphthalene...	6.775	884285	8.883 ug/ml
6) T n-Tetradecane (C14)	7.949	861918	9.321 ug/ml
7) T n-Hexadecane (C16)	9.539	862545	9.234 ug/ml
8) T n-Octadecane (C18)	10.972	865565	9.275 ug/ml
10) T n-Eicosane (C20)	12.274	861236	9.250 ug/ml
11) T n-Heneicosane (C21)	12.883	839144	9.202 ug/ml
13) T n-Docosane (C22)	13.467	830379	9.145 ug/ml
14) T n-Tetracosane (C24)	14.565	821860	9.148 ug/ml
15) T n-Hexacosane (C26)	15.580	806454	9.128 ug/ml
16) T n-Octacosane (C28)	16.528	810112	9.196 ug/ml
17) T n-Tricontane (C30)	17.411	807475	9.292 ug/ml
18) T n-Dotriacontane (C32)	18.241	778949	9.417 ug/ml
19) T n-Tetratriacontane (C34)	19.022	649313	9.610 ug/ml
20) T n-Hexatriacontane (C36)	19.760	537430	8.686 ug/ml
21) T n-Octatriacontane (C38)	20.463	521582	7.991 ug/ml
22) T n-Tetracontane (C40)	21.262	419690	6.247 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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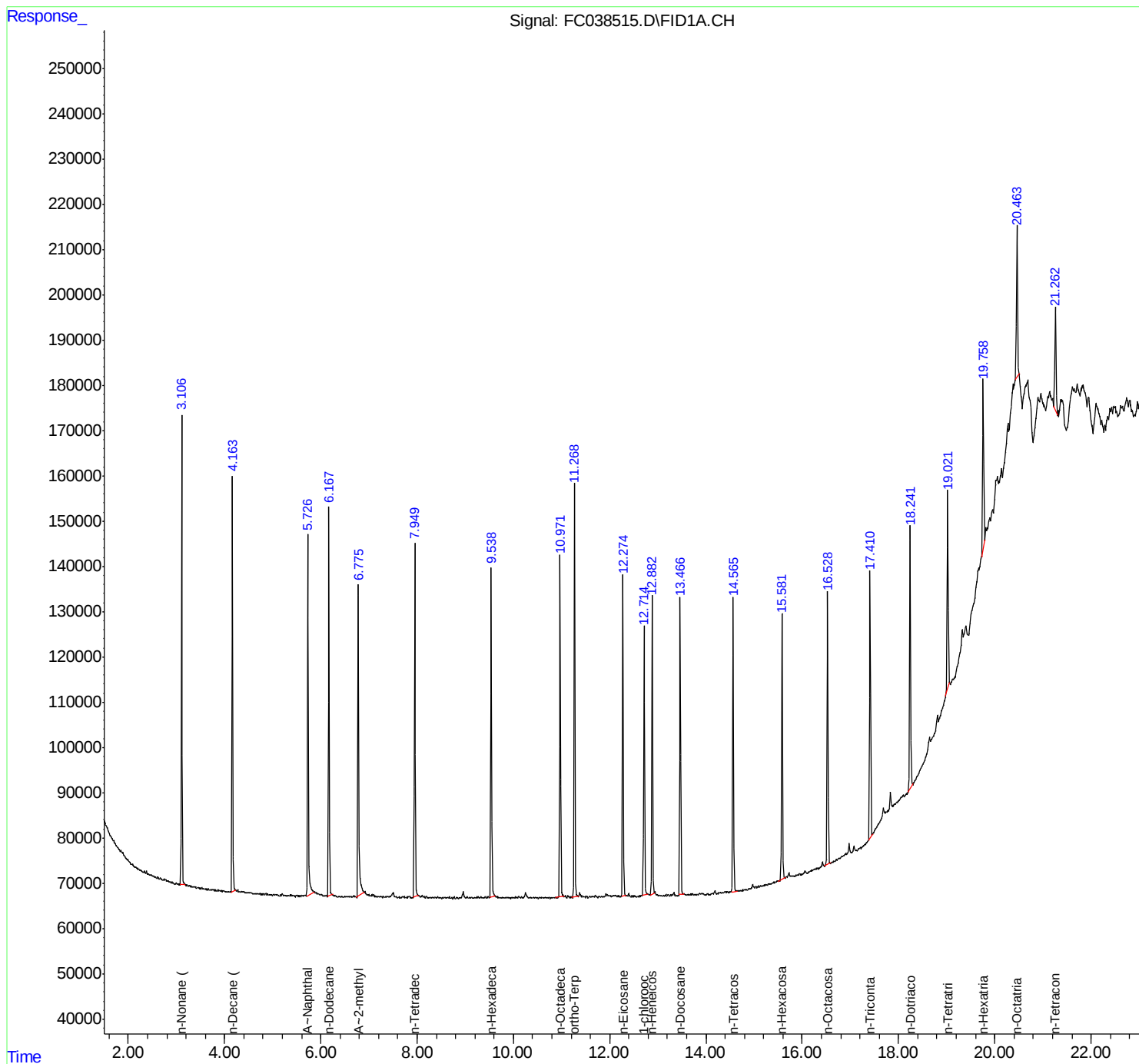
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FID_C
ClientSampleId :

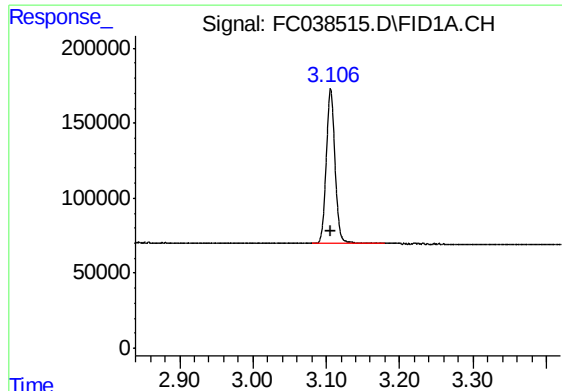
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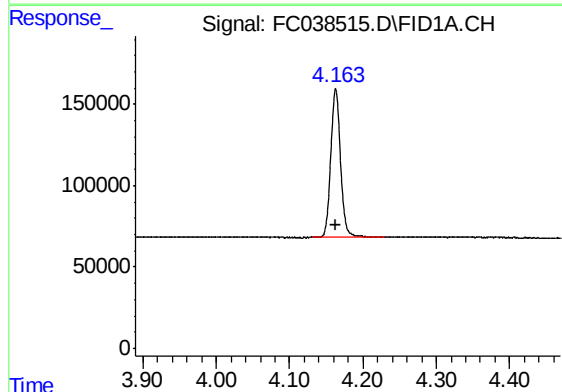
#1 n-Nonane (C9)

R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 862587
Conc: 9.46 ug/ml

Instrument :
FID_C
ClientSampleId :

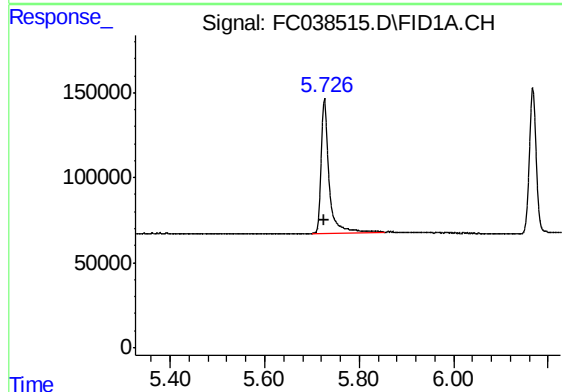
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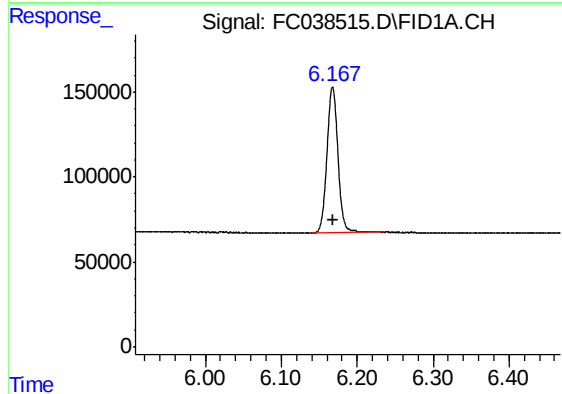
#2 n-Decane (C10)

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 845785
Conc: 9.24 ug/ml



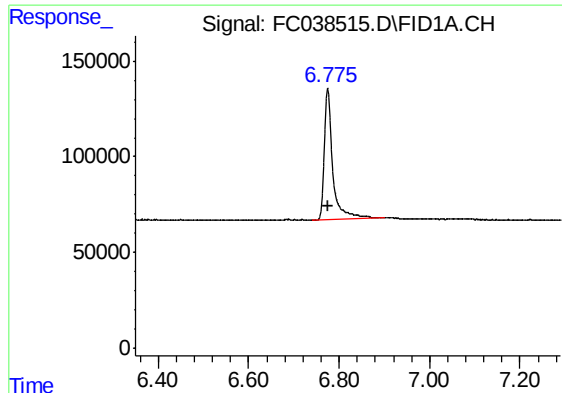
#3 A~Naphthalene (C11.7)

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 917859
Conc: 9.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 859422
Conc: 9.36 ug/ml



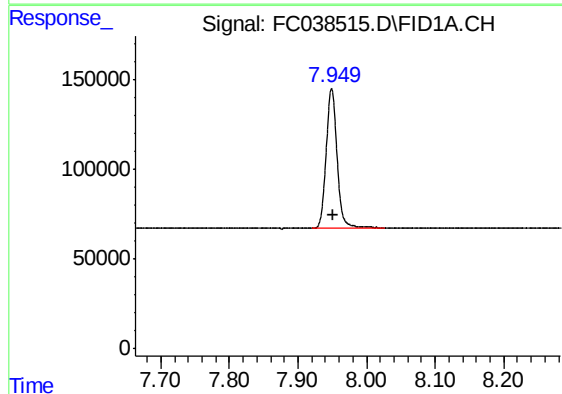
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 884285
Conc: 8.88 ug/ml

Instrument :
FID_C
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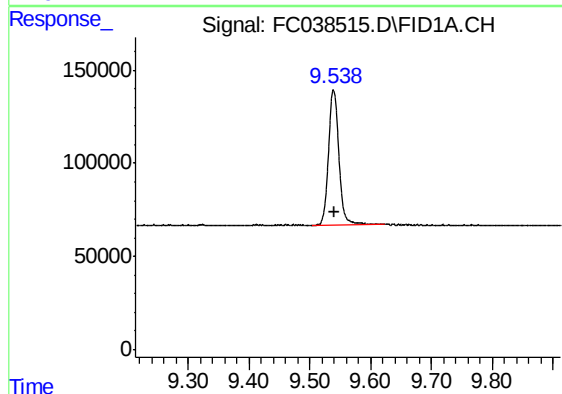
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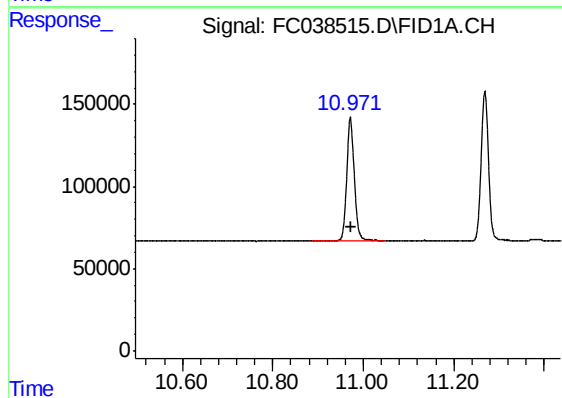
#6 n-Tetradecane (C14)

R.T.: 7.949 min
Delta R.T.: -0.002 min
Response: 861918
Conc: 9.32 ug/ml



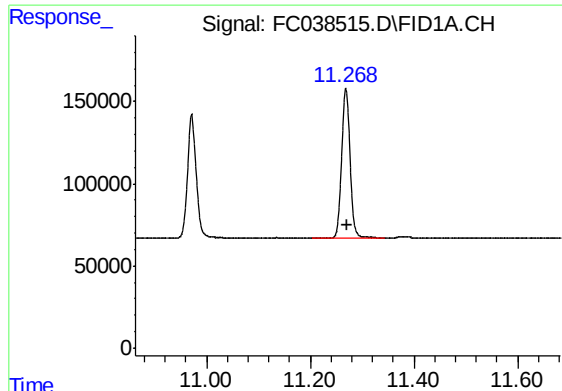
#7 n-Hexadecane (C16)

R.T.: 9.539 min
Delta R.T.: -0.002 min
Response: 862545
Conc: 9.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.972 min
Delta R.T.: -0.003 min
Response: 865565
Conc: 9.28 ug/ml



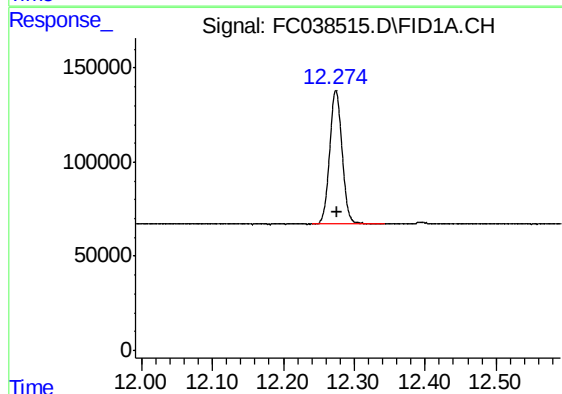
#9 ortho-Terphenyl (SURR)

R.T.: 11.269 min
Delta R.T.: -0.002 min
Response: 1017851
Conc: 9.23 ug/ml

Instrument :
FID_C
ClientSampleId :

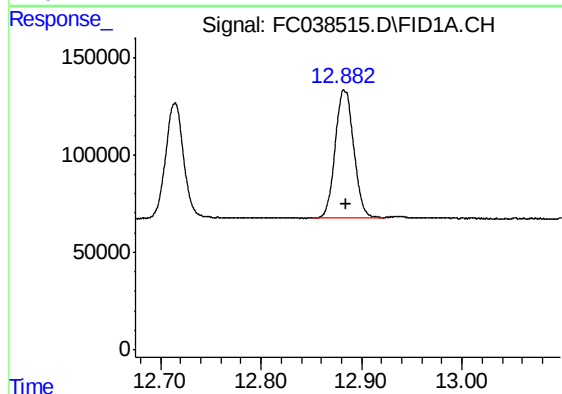
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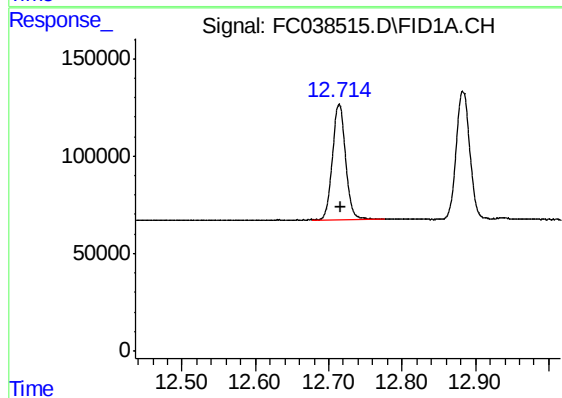
#10 n-Eicosane (C20)

R.T.: 12.274 min
Delta R.T.: -0.002 min
Response: 861236
Conc: 9.25 ug/ml



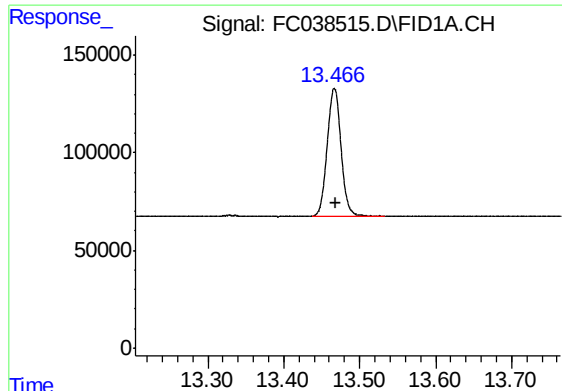
#11 n-Heneicosane (C21)

R.T.: 12.883 min
Delta R.T.: -0.002 min
Response: 839144
Conc: 9.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.714 min
Delta R.T.: -0.002 min
Response: 736530
Conc: 9.12 ug/ml



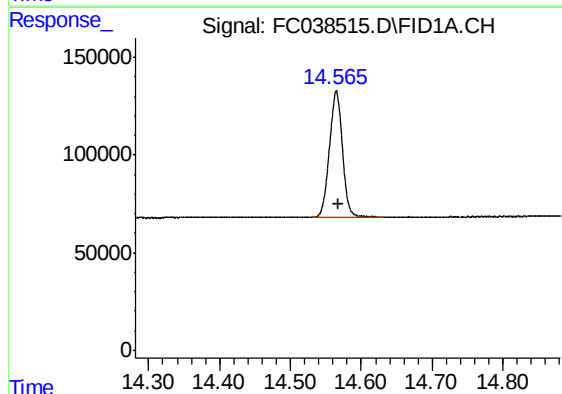
#13 n-Docosane (C22)

R.T.: 13.467 min
Delta R.T.: -0.002 min
Response: 830379
Conc: 9.14 ug/ml

Instrument :
FID_C
ClientSampleId :

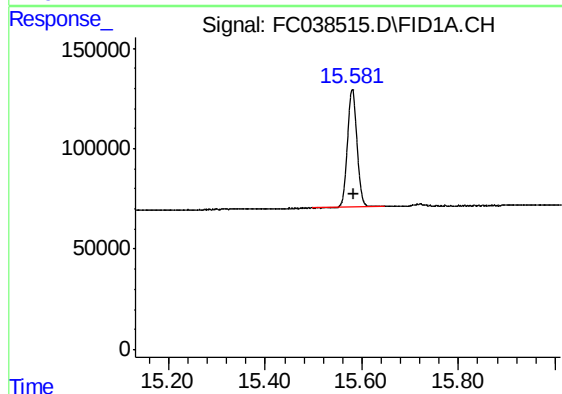
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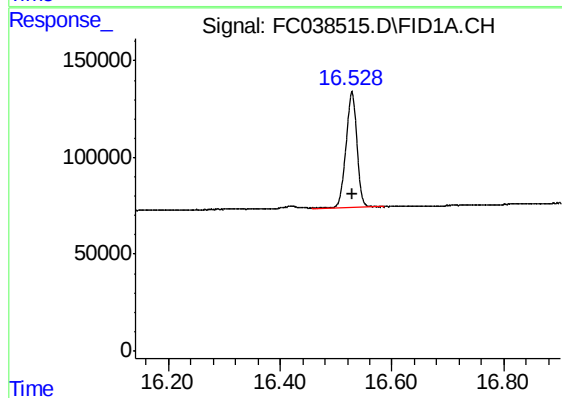
#14 n-Tetracosane (C24)

R.T.: 14.565 min
Delta R.T.: -0.002 min
Response: 821860
Conc: 9.15 ug/ml



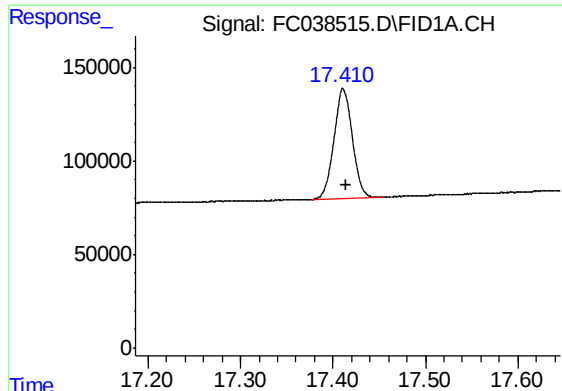
#15 n-Hexacosane (C26)

R.T.: 15.580 min
Delta R.T.: -0.003 min
Response: 806454
Conc: 9.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.528 min
Delta R.T.: -0.002 min
Response: 810112
Conc: 9.20 ug/ml



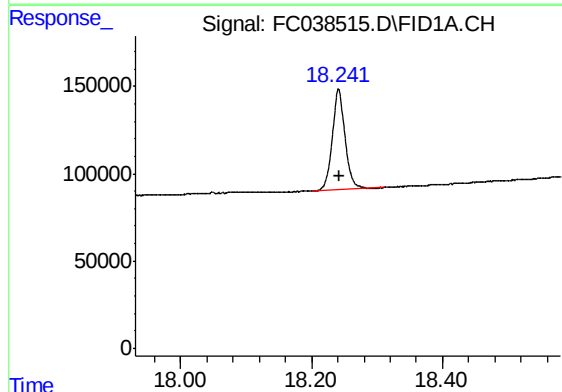
#17 n-Tricontane (C30)

R.T.: 17.411 min
Delta R.T.: -0.002 min
Response: 807475
Conc: 9.29 ug/ml

Instrument :
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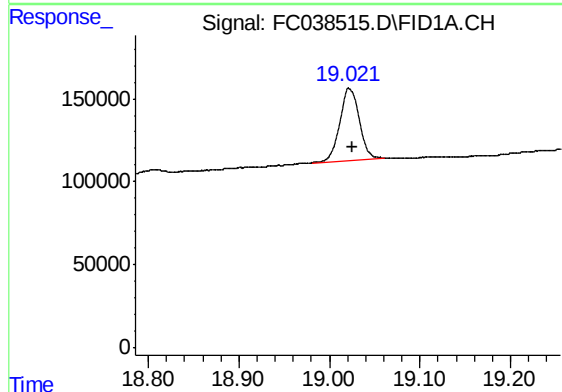
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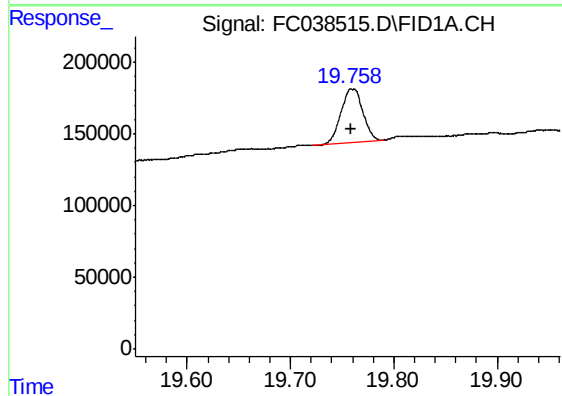
#18 n-Dotriacontane (C32)

R.T.: 18.241 min
Delta R.T.: -0.001 min
Response: 778949
Conc: 9.42 ug/ml



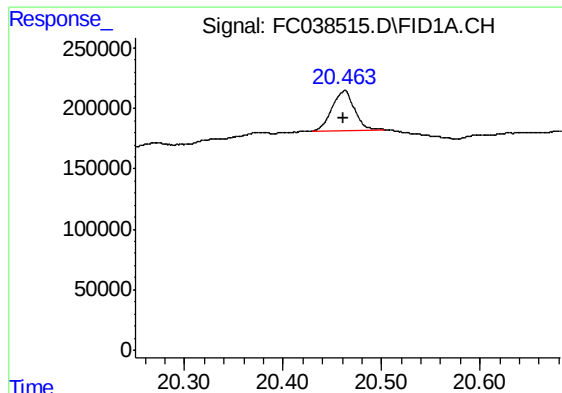
#19 n-Tetratriacontane (C34)

R.T.: 19.022 min
Delta R.T.: -0.003 min
Response: 649313
Conc: 9.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.760 min
Delta R.T.: 0.001 min
Response: 537430
Conc: 8.69 ug/ml



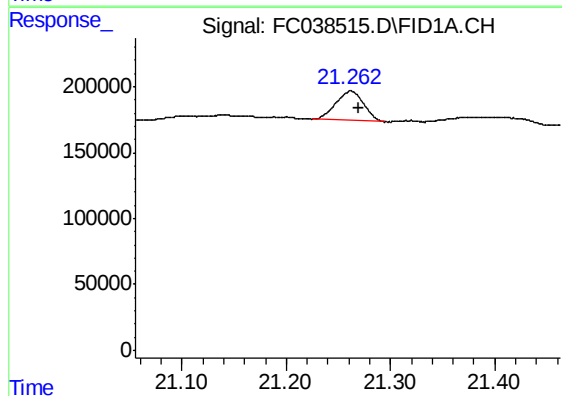
#21 n-Octatriacontane (C38)

R.T.: 20.463 min
Delta R.T.: 0.002 min
Response: 521582
Conc: 7.99 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.262 min
Delta R.T.: -0.009 min
Response: 419690
Conc: 6.25 ug/ml m