

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010919AL\
 Data File : FC038512.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jan 2019 14:06
 Operator : AJ\SJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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Sohil
 1/10/2019 10:42:05 AM

Integration File: autoint1.e
 Quant Time: Jan 10 05:35:12 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)	11.281	10820572	98.080 ug/ml
Spiked Amount 50.000		Recovery =	196.16%
12) S 1-chlorooctadecane (S...	12.724	8027925	99.372 ug/ml
Spiked Amount 50.000		Recovery =	198.74%
Target Compounds			
1) T n-Nonane (C9)	3.109	8693185	95.310 ug/ml
2) T n-Decane (C10)	4.168	8814898	96.273 ug/ml
3) T A-Naphthalene (C11.7)	5.730	10109199	99.446 ug/ml
4) T n-Dodecane (C12)	6.174	8887737	96.760 ug/ml
5) T A~2-methylnaphthalene...	6.780	10158724	102.046 ug/ml
6) T n-Tetradecane (C14)	7.957	9028748	97.639 ug/ml
7) T n-Hexadecane (C16)	9.548	9107240	97.499 ug/ml
8) T n-Octadecane (C18)	10.983	9126060	97.795 ug/ml
10) T n-Eicosane (C20)	12.285	9155440	98.330 ug/ml
11) T n-Heneicosane (C21)	12.894	9075178	99.519 ug/ml
13) T n-Docosane (C22)	13.477	9074842	99.941 ug/ml
14) T n-Tetracosane (C24)	14.575	9023256	100.442 ug/ml
15) T n-Hexacosane (C26)	15.594	8874024	100.439 ug/mlm
16) T n-Octacosane (C28)	16.540	8765684	99.507 ug/ml
17) T n-Tricontane (C30)	17.423	8498913	97.798 ug/ml
18) T n-Dotriacontane (C32)	18.251	7698058	93.066 ug/ml
19) T n-Tetratriacontane (C34)	19.034	6691813	99.042 ug/mlm
20) T n-Hexatriacontane (C36)	19.769	6079888	98.262 ug/ml
21) T n-Octatriacontane (C38)	20.469	6036904	92.486 ug/ml
22) T n-Tetracontane (C40)	21.276	5795325	86.262 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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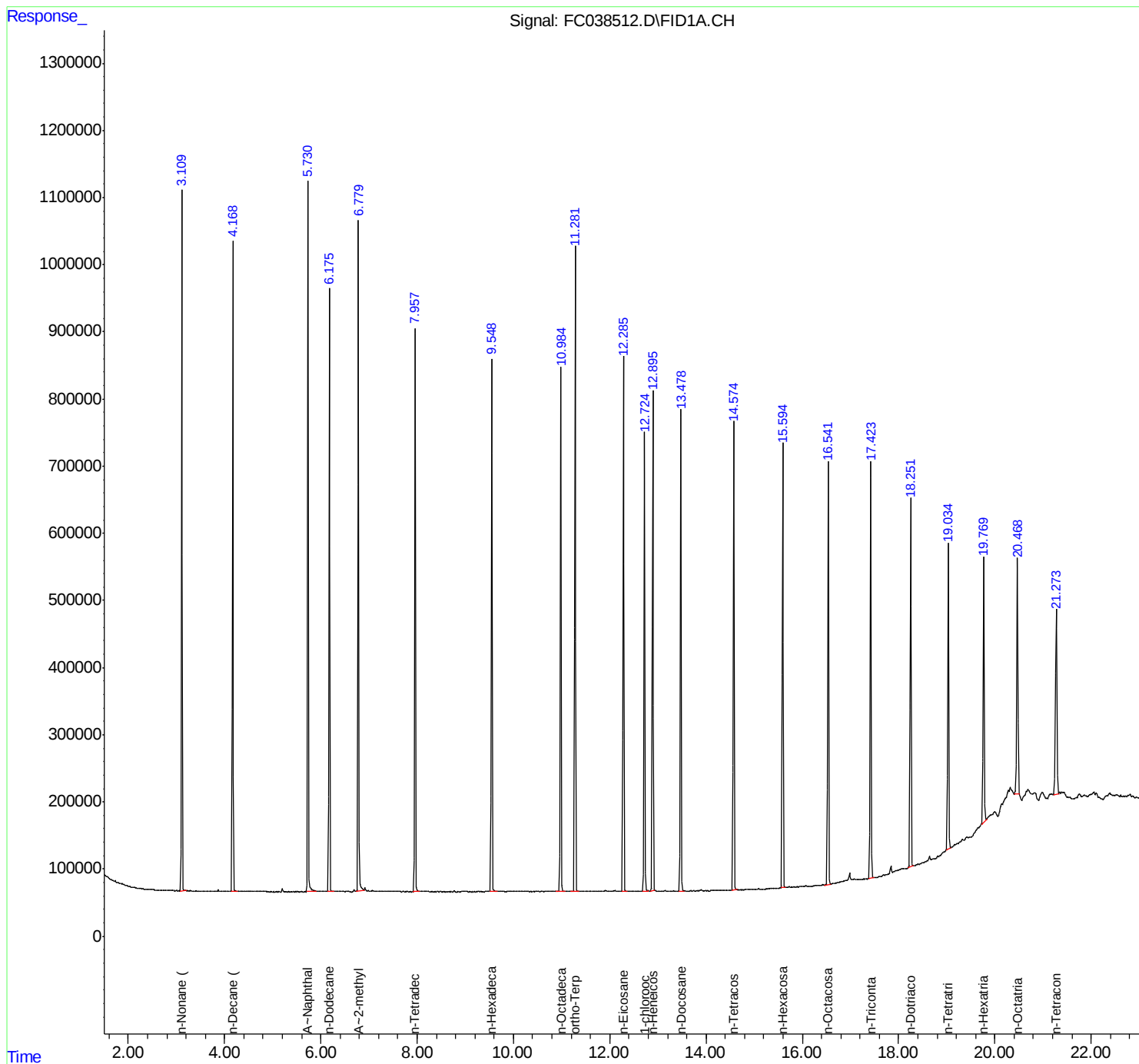
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FID_C
ClientSampleId :

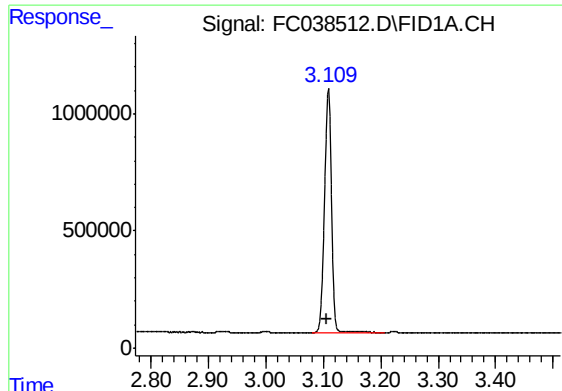
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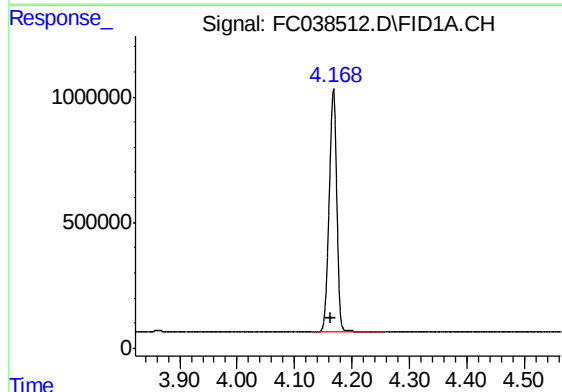
#1 n-Nonane (C9)

R.T.: 3.109 min
Delta R.T.: 0.003 min
Response: 8693185
Conc: 95.31 ug/ml

Instrument :
FID_C
ClientSampleId :

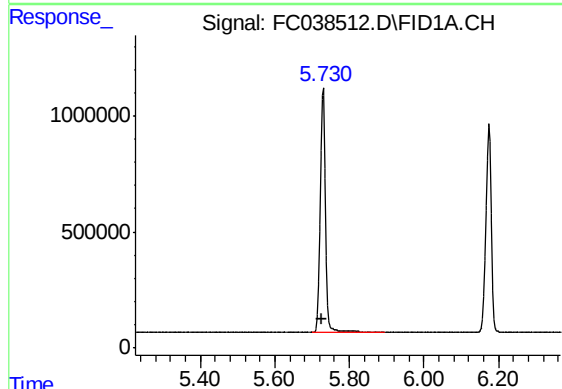
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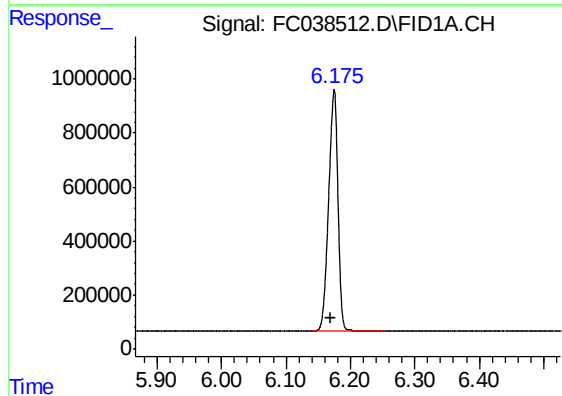
#2 n-Decane (C10)

R.T.: 4.168 min
Delta R.T.: 0.004 min
Response: 8814898
Conc: 96.27 ug/ml



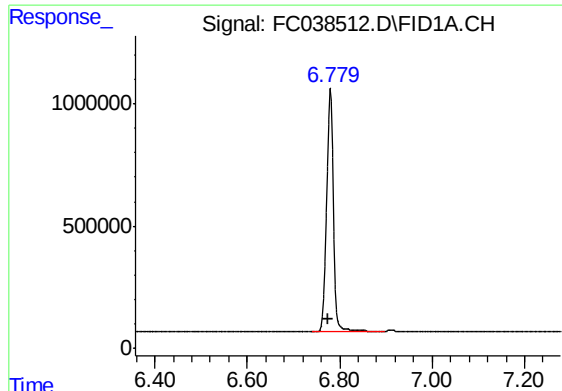
#3 A~Naphthalene (C11.7)

R.T.: 5.730 min
Delta R.T.: 0.004 min
Response: 10109199
Conc: 99.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.174 min
Delta R.T.: 0.005 min
Response: 8887737
Conc: 96.76 ug/ml



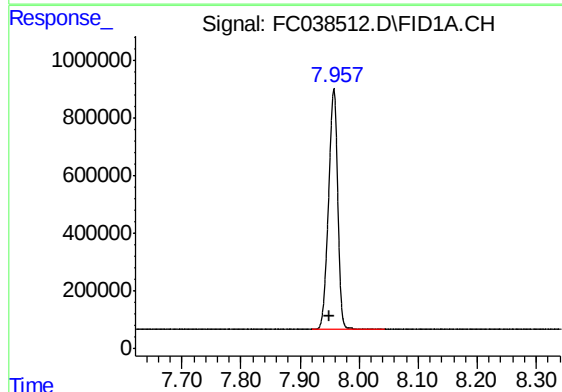
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.780 min
Delta R.T.: 0.005 min
Response: 10158724
Conc: 102.05 ug/ml

Instrument :
FID_C
ClientSampleId :

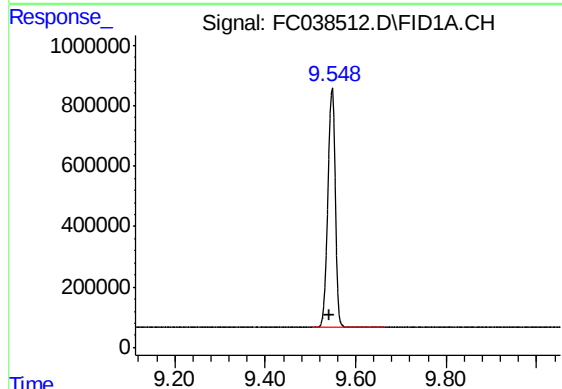
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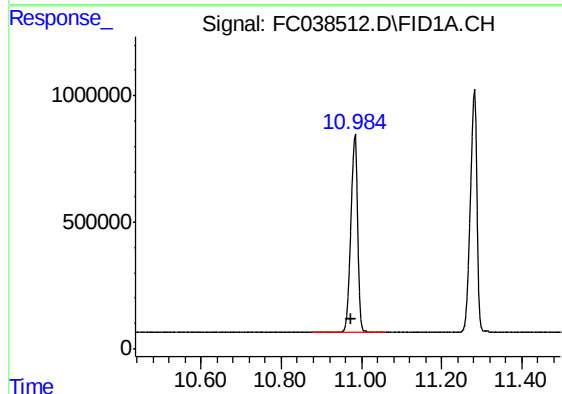
#6 n-Tetradecane (C14)

R.T.: 7.957 min
Delta R.T.: 0.006 min
Response: 9028748
Conc: 97.64 ug/ml



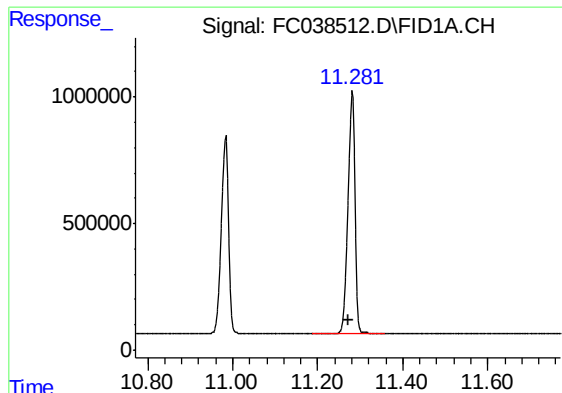
#7 n-Hexadecane (C16)

R.T.: 9.548 min
Delta R.T.: 0.007 min
Response: 9107240
Conc: 97.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.983 min
Delta R.T.: 0.009 min
Response: 9126060
Conc: 97.80 ug/ml



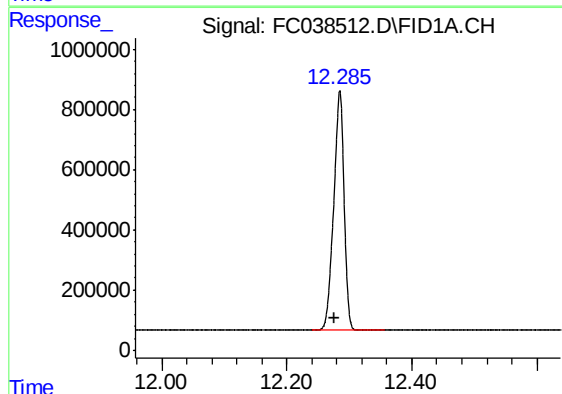
#9 ortho-Terphenyl (SURR)

R.T.: 11.281 min
Delta R.T.: 0.010 min
Response: 10820572
Conc: 98.08 ug/ml

Instrument :
FID_C
ClientSampleId :

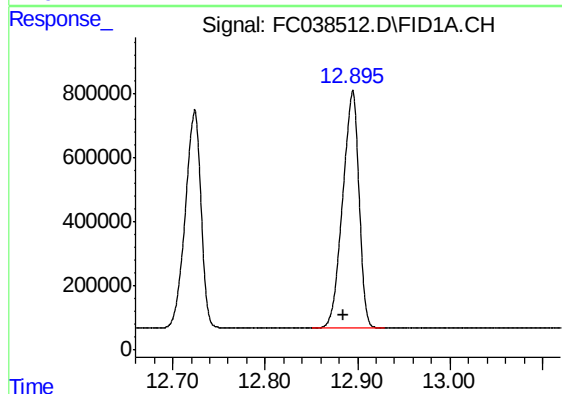
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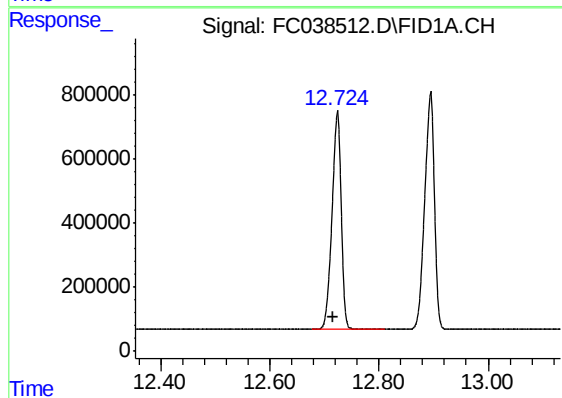
#10 n-Eicosane (C20)

R.T.: 12.285 min
Delta R.T.: 0.008 min
Response: 9155440
Conc: 98.33 ug/ml



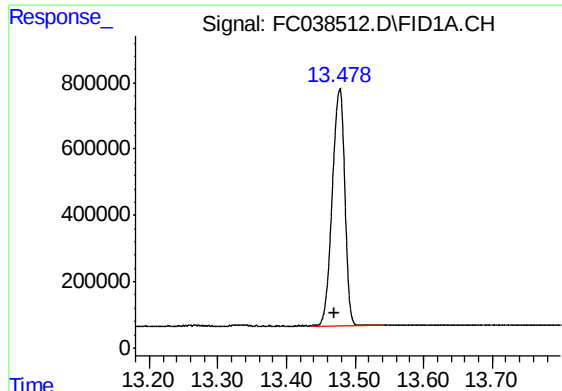
#11 n-Heneicosane (C21)

R.T.: 12.894 min
Delta R.T.: 0.009 min
Response: 9075178
Conc: 99.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.724 min
Delta R.T.: 0.008 min
Response: 8027925
Conc: 99.37 ug/ml



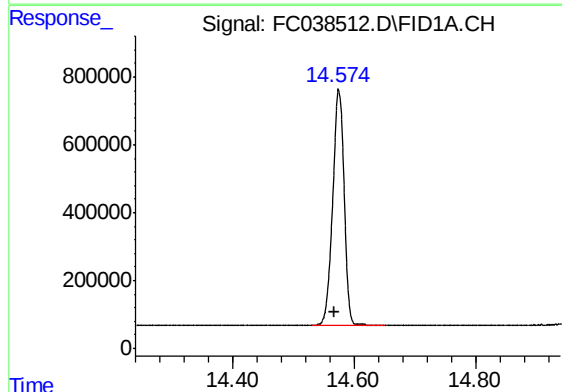
#13 n-Docosane (C22)

R.T.: 13.477 min
Delta R.T.: 0.008 min
Response: 9074842
Conc: 99.94 ug/ml

Instrument :
FID_C
ClientSampleId :

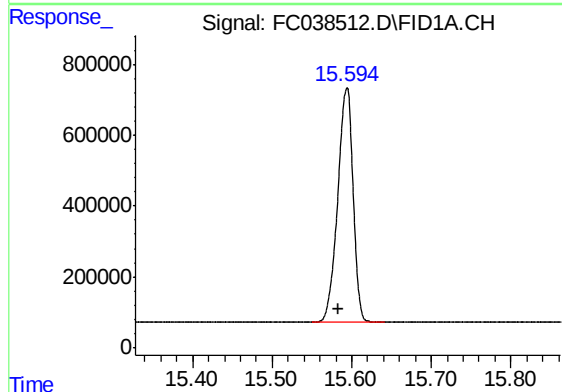
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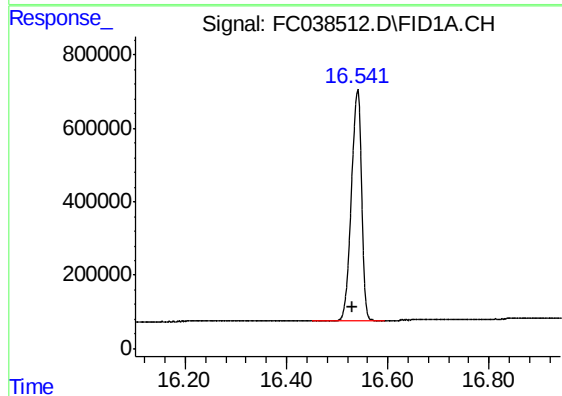
#14 n-Tetracosane (C24)

R.T.: 14.575 min
Delta R.T.: 0.008 min
Response: 9023256
Conc: 100.44 ug/ml



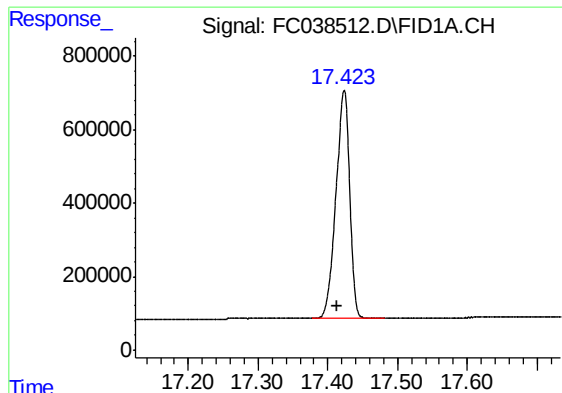
#15 n-Hexacosane (C26)

R.T.: 15.594 min
Delta R.T.: 0.011 min
Response: 8874024
Conc: 100.44 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.540 min
Delta R.T.: 0.010 min
Response: 8765684
Conc: 99.51 ug/ml



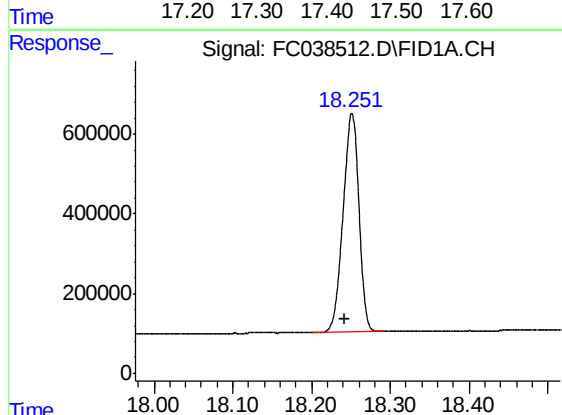
#17 n-Tricontane (C30)

R.T.: 17.423 min
Delta R.T.: 0.010 min
Response: 8498913
Conc: 97.80 ug/ml

Instrument :
FID_C
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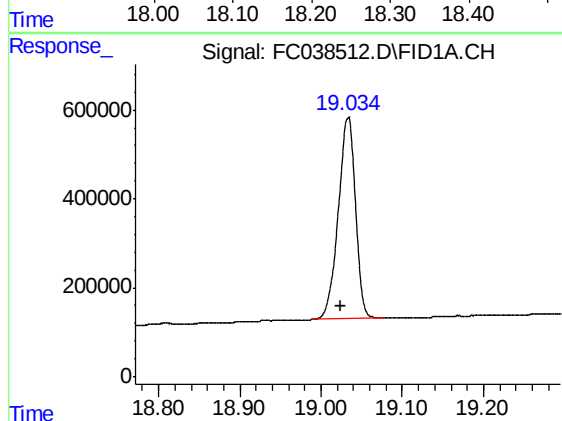
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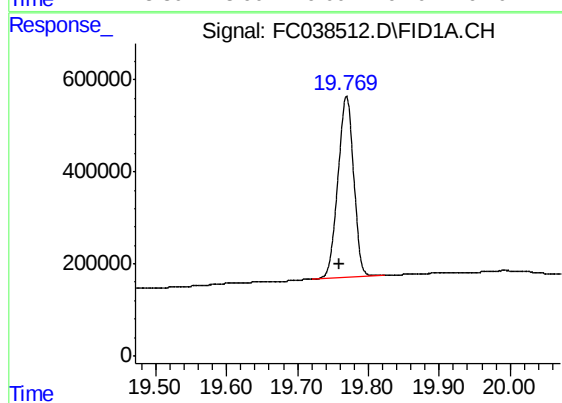
#18 n-Dotriacontane (C32)

R.T.: 18.251 min
Delta R.T.: 0.009 min
Response: 7698058
Conc: 93.07 ug/ml



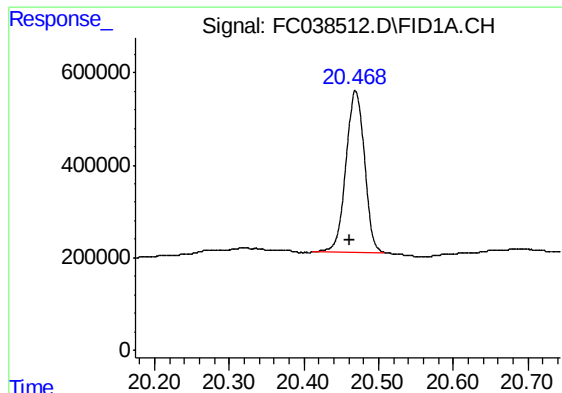
#19 n-Tetatriacontane (C34)

R.T.: 19.034 min
Delta R.T.: 0.009 min
Response: 6691813
Conc: 99.04 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.769 min
Delta R.T.: 0.010 min
Response: 6079888
Conc: 98.26 ug/ml



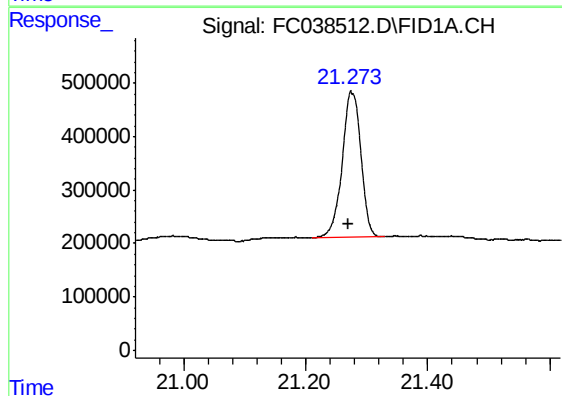
#21 n-Octatriacontane (C38)

R.T.: 20.469 min
Delta R.T.: 0.008 min
Response: 6036904
Conc: 92.49 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.276 min
Delta R.T.: 0.005 min
Response: 5795325
Conc: 86.26 ug/ml