

Data Path : X:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020619AL\
 Data File : FC038998.D
 Signal(s) : FID1A.CH
 Acq On : 06 Feb 2019 13:05
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Manual Integrations
 APPROVED

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 2/8/2019 5:11:23 PM

Integration File: autoint1.e
 Quant Time: Feb 07 03:02:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020619.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 07 03:01:52 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)	11.231	2987722	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.675	2302613	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.081	1943711	20.000 ug/ml
2) T n-Decane (C10)	4.135	1942625	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.693	2132908	20.000 ug/ml
4) T n-Dodecane (C12)	6.137	1977753	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.740	2100634	20.000 ug/ml
6) T n-Tetradecane (C14)	7.916	2043065	20.000 ug/ml
7) T n-Hexadecane (C16)	9.505	2103394	20.000 ug/ml
8) T n-Octadecane (C18)	10.936	2216538	20.000 ug/ml
10) T n-Eicosane (C20)	12.237	2299074	20.000 ug/ml
11) T n-Heneicosane (C21)	12.845	2297669	20.000 ug/ml
13) T n-Docosane (C22)	13.428	2325634	20.000 ug/ml
14) T n-Tetracosane (C24)	14.524	2365338	20.000 ug/ml
15) T n-Hexacosane (C26)	15.539	2353001	20.000 ug/ml
16) T n-Octacosane (C28)	16.485	2357720	20.000 ug/ml
17) T n-Tricontane (C30)	17.368	2328715	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.195	2170723	20.000 ug/ml
19) T n-Tetratriacontane (C34)	18.975	1843360	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.713	1583447	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.410	1482622	20.000 ug/ml
22) T n-Tetracontane (C40)	21.197	1602340	20.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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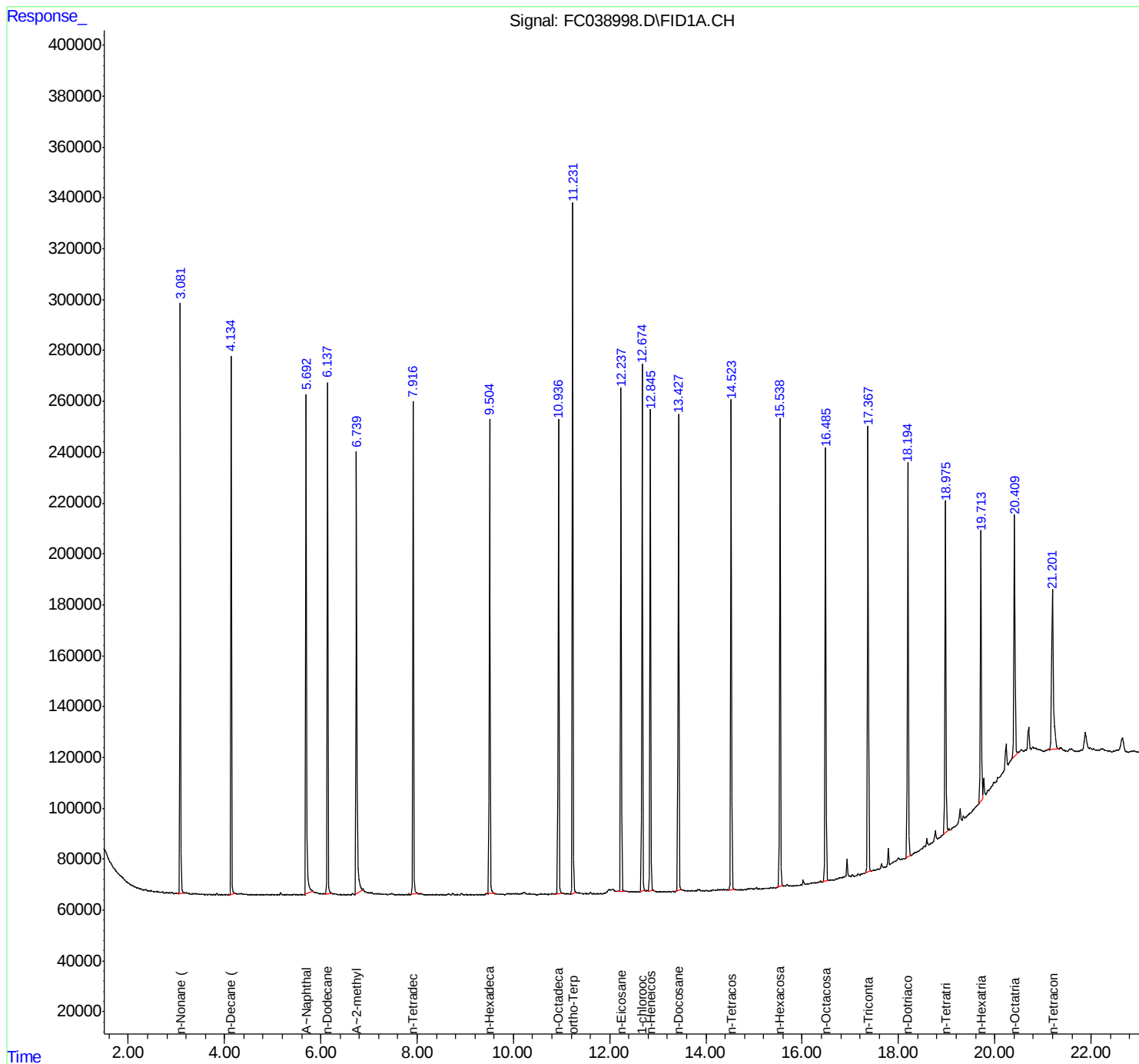
Instrument :
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20 PPM ALIPHATIC HC STD3

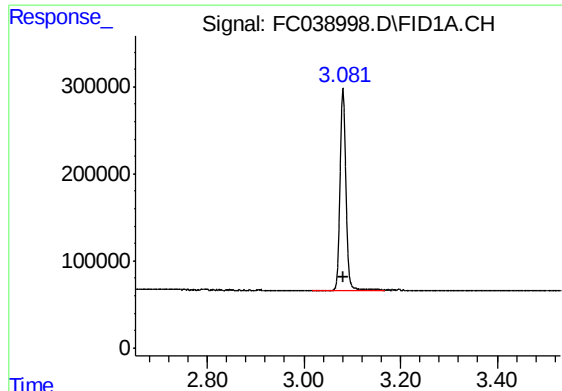
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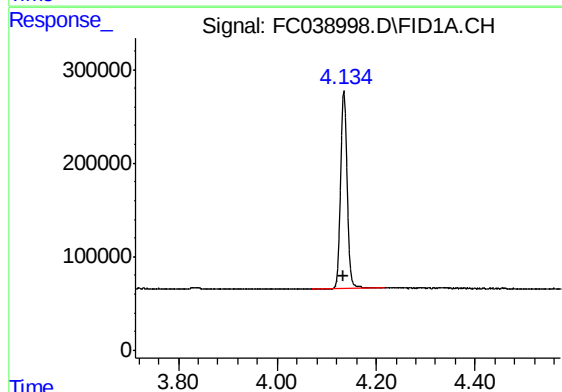
#1 n-Nonane (C9)

R.T.: 3.081 min
Delta R.T.: 0.000 min
Response: 1943711
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

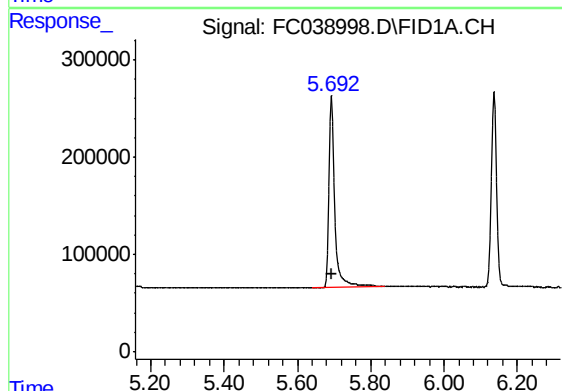
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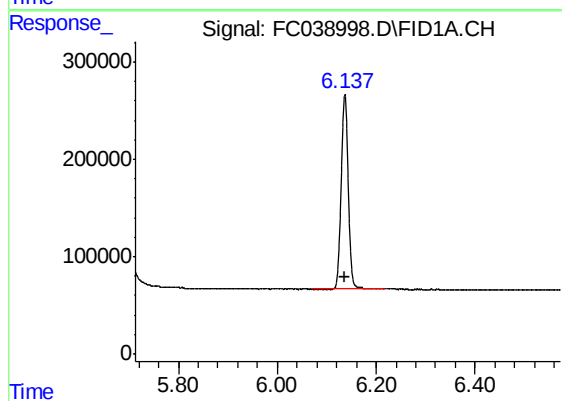
#2 n-Decane (C10)

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 1942625
Conc: 20.00 ug/ml



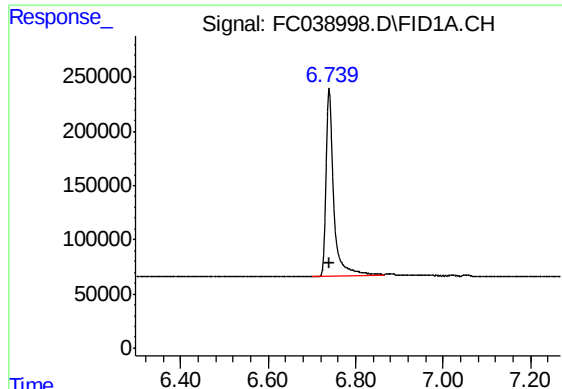
#3 A~Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 2132908
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 1977753
Conc: 20.00 ug/ml



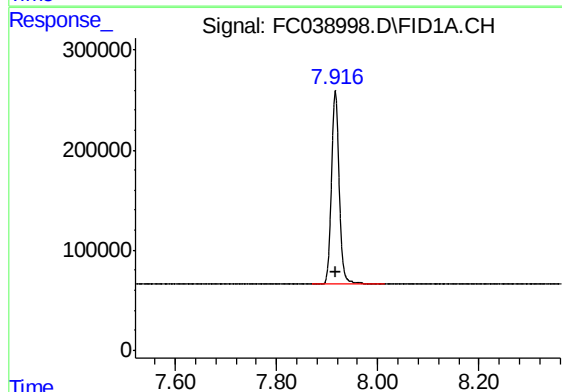
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 2100634
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3

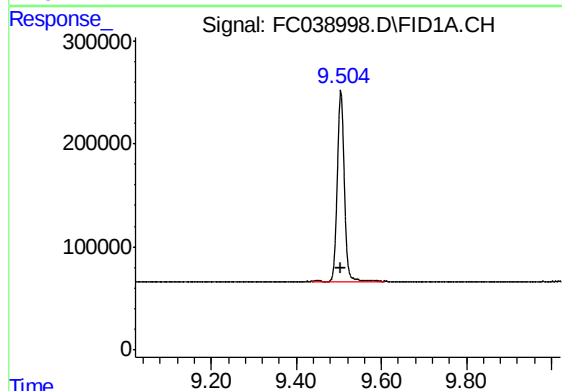
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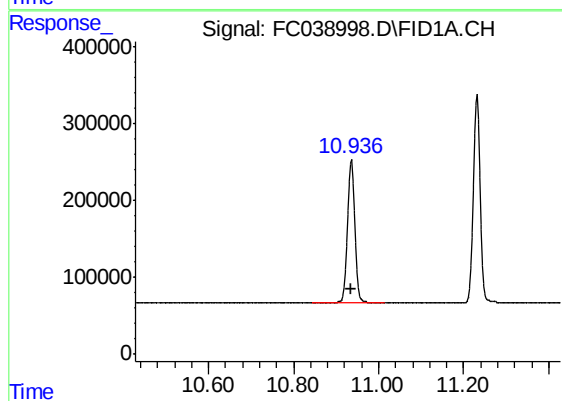
#6 n-Tetradecane (C14)

R.T.: 7.916 min
Delta R.T.: 0.000 min
Response: 2043065
Conc: 20.00 ug/ml



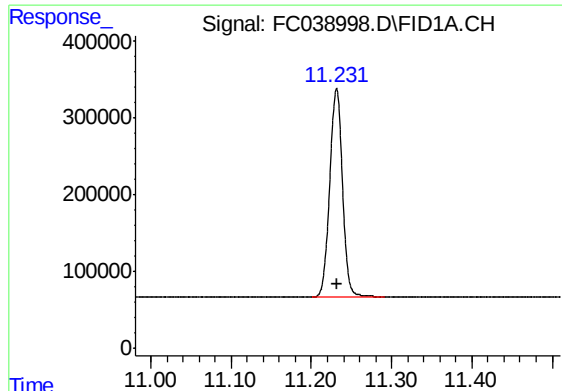
#7 n-Hexadecane (C16)

R.T.: 9.505 min
Delta R.T.: 0.000 min
Response: 2103394
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.936 min
Delta R.T.: 0.000 min
Response: 2216538
Conc: 20.00 ug/ml



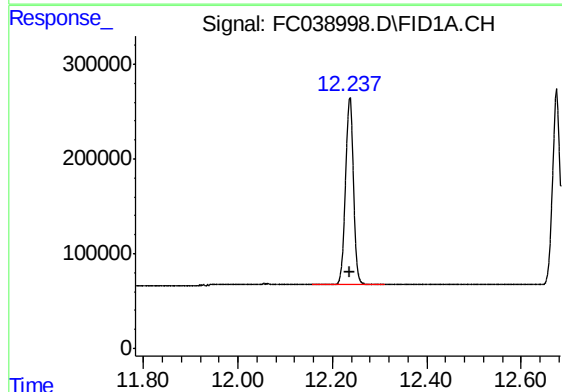
#9 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: 0.000 min
Response: 2987722
Conc: 20.00 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD3

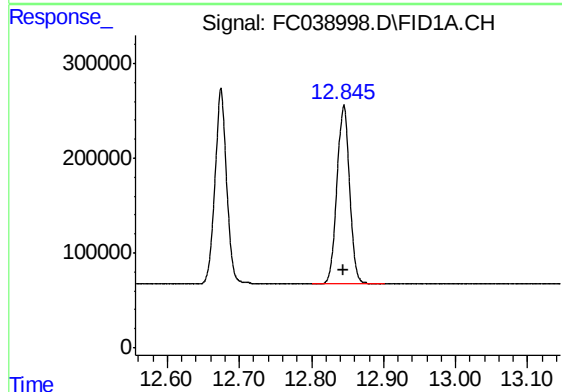
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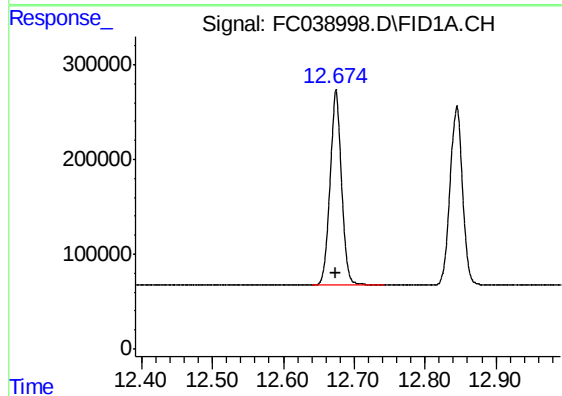
#10 n-Eicosane (C20)

R.T.: 12.237 min
Delta R.T.: 0.000 min
Response: 2299074
Conc: 20.00 ug/ml



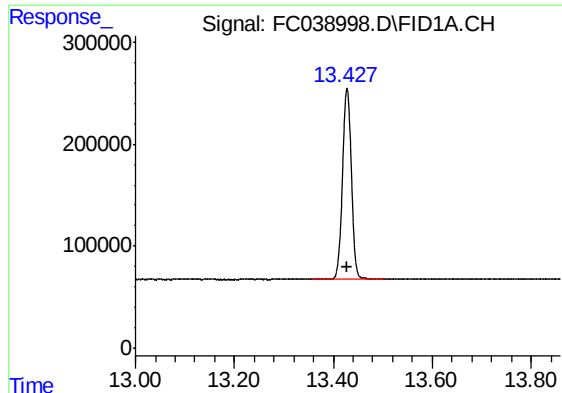
#11 n-Heneicosane (C21)

R.T.: 12.845 min
Delta R.T.: 0.000 min
Response: 2297669
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.675 min
Delta R.T.: 0.000 min
Response: 2302613
Conc: 20.00 ug/ml



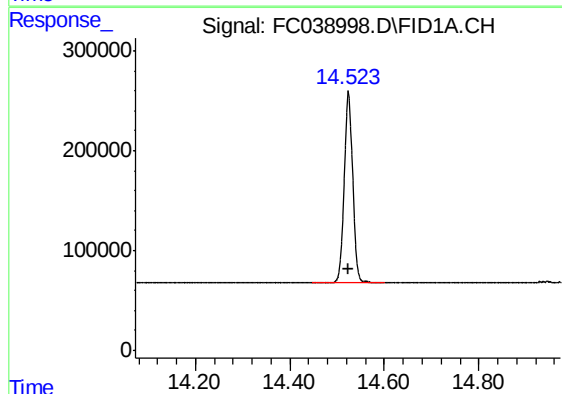
#13 n-Docosane (C22)

R.T.: 13.428 min
Delta R.T.: 0.000 min
Response: 2325634
Conc: 20.00 ug/ml

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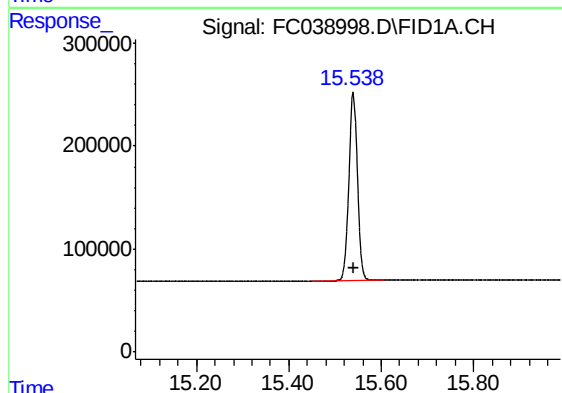
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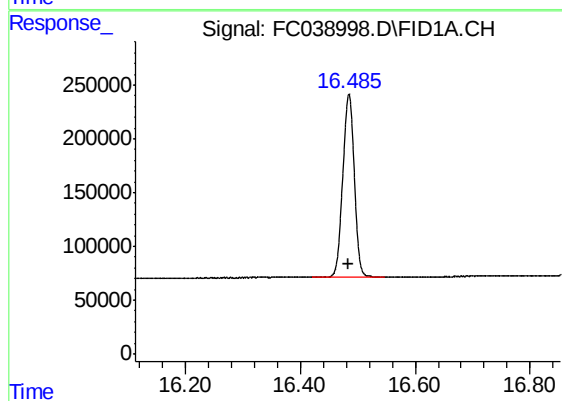
#14 n-Tetracosane (C24)

R.T.: 14.524 min
Delta R.T.: 0.000 min
Response: 2365338
Conc: 20.00 ug/ml



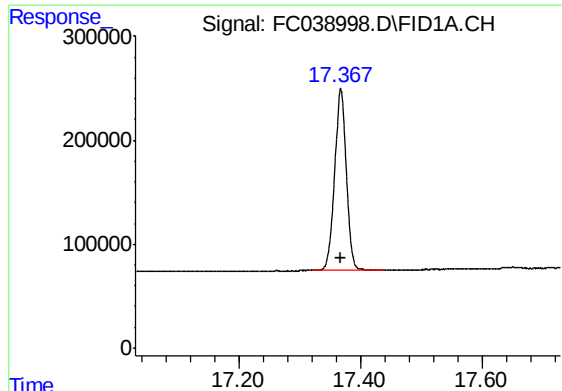
#15 n-Hexacosane (C26)

R.T.: 15.539 min
Delta R.T.: 0.000 min
Response: 2353001
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.485 min
Delta R.T.: 0.000 min
Response: 2357720
Conc: 20.00 ug/ml



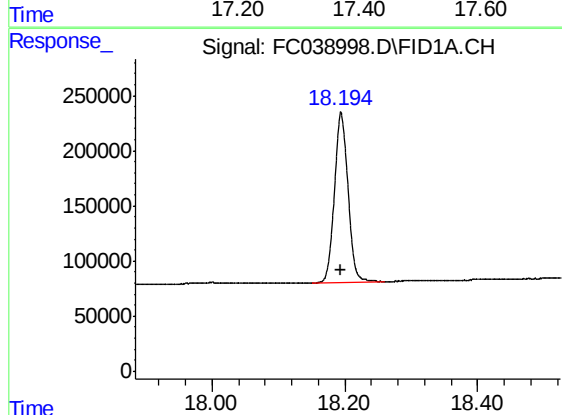
#17 n-Tricontane (C30)

R.T.: 17.368 min
Delta R.T.: 0.000 min
Response: 2328715
Conc: 20.00 ug/ml

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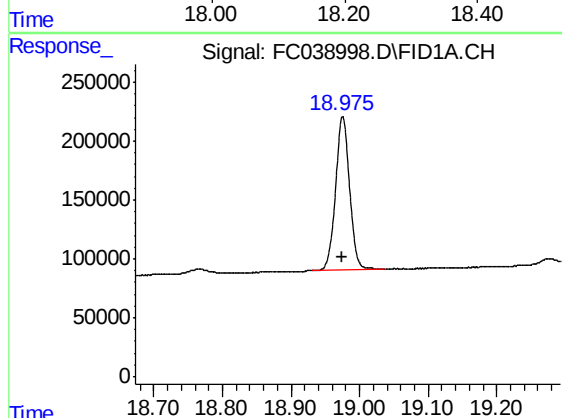
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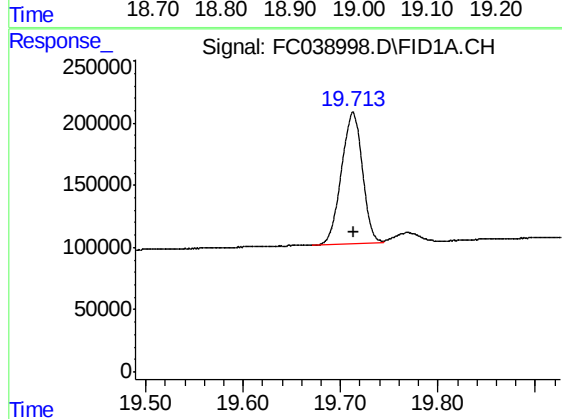
#18 n-Dotriacontane (C32)

R.T.: 18.195 min
Delta R.T.: 0.000 min
Response: 2170723
Conc: 20.00 ug/ml



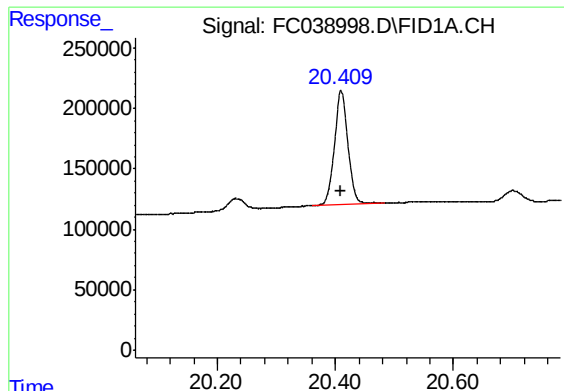
#19 n-Tetratriacontane (C34)

R.T.: 18.975 min
Delta R.T.: 0.000 min
Response: 1843360
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.713 min
Delta R.T.: 0.000 min
Response: 1583447
Conc: 20.00 ug/ml



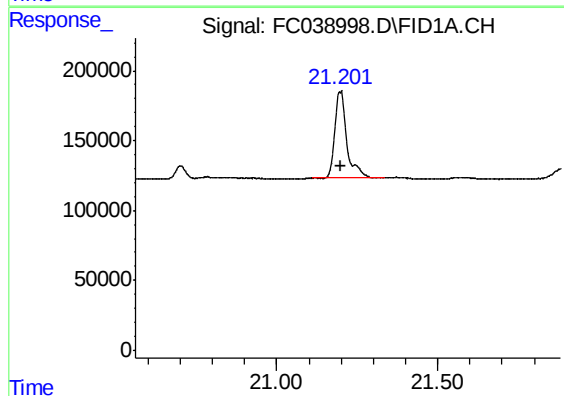
#21 n-Octatriacontane (C38)

R.T.: 20.410 min
Delta R.T.: 0.000 min
Response: 1482622
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.197 min
Delta R.T.: 0.000 min
Response: 1602340
Conc: 20.00 ug/ml