

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042020AL\
 Data File : FC046931.D
 Signal(s) : FID1A.CH
 Acq On : 20 Apr 2020 8:08
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Sohil
 4/21/2020 1:22:45 PM

Integration File: autoint1.e
 Quant Time: Apr 20 14:26:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 2020
 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)	11.757	2266209	20.731 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
12) S 1-chlorooctadecane (S...	13.173	1777724	20.628 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
Target Compounds			
1) T n-Nonane (C9)	3.548	2190864	22.813 ug/ml
2) T n-Decane (C10)	4.614	2267742	23.611 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2300088	22.956 ug/ml
4) T n-Dodecane (C12)	6.620	2329250	23.863 ug/ml
5) T A~2-methylnaphthalene...	7.264	2337755	23.123 ug/ml
6) T n-Tetradecane (C14)	8.402	2284664	23.202 ug/ml
7) T n-Hexadecane (C16)	9.991	2247593	22.513 ug/ml
8) T n-Octadecane (C18)	11.425	2207197	21.746 ug/ml
10) T n-Eicosane (C20)	12.726	2150947	21.040 ug/ml
11) T n-Heneicosane (C21)	13.335	2126507	20.625 ug/ml
13) T n-Docosane (C22)	13.918	2128565	20.735 ug/ml
14) T n-Tetracosane (C24)	15.016	2173076	21.052 ug/ml
15) T n-Hexacosane (C26)	16.032	2129930	20.760 ug/ml
16) T n-Octacosane (C28)	16.978	2130123	20.930 ug/ml
17) T n-Tricontane (C30)	17.861	2080146	21.232 ug/ml
18) T n-Dotriacontane (C32)	18.688	1767197	21.078 ug/ml
19) T n-Tetratriacontane (C34)	19.468	1511275	21.094 ug/ml
20) T n-Hexatriacontane (C36)	20.204	1413103	20.172 ug/mlm
21) T n-Octatriacontane (C38)	20.966	1375464	21.797 ug/ml
22) T n-Tetracontane (C40)	21.928	1452546	20.991 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH
Acq On : 20 Apr 2020 8:08
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

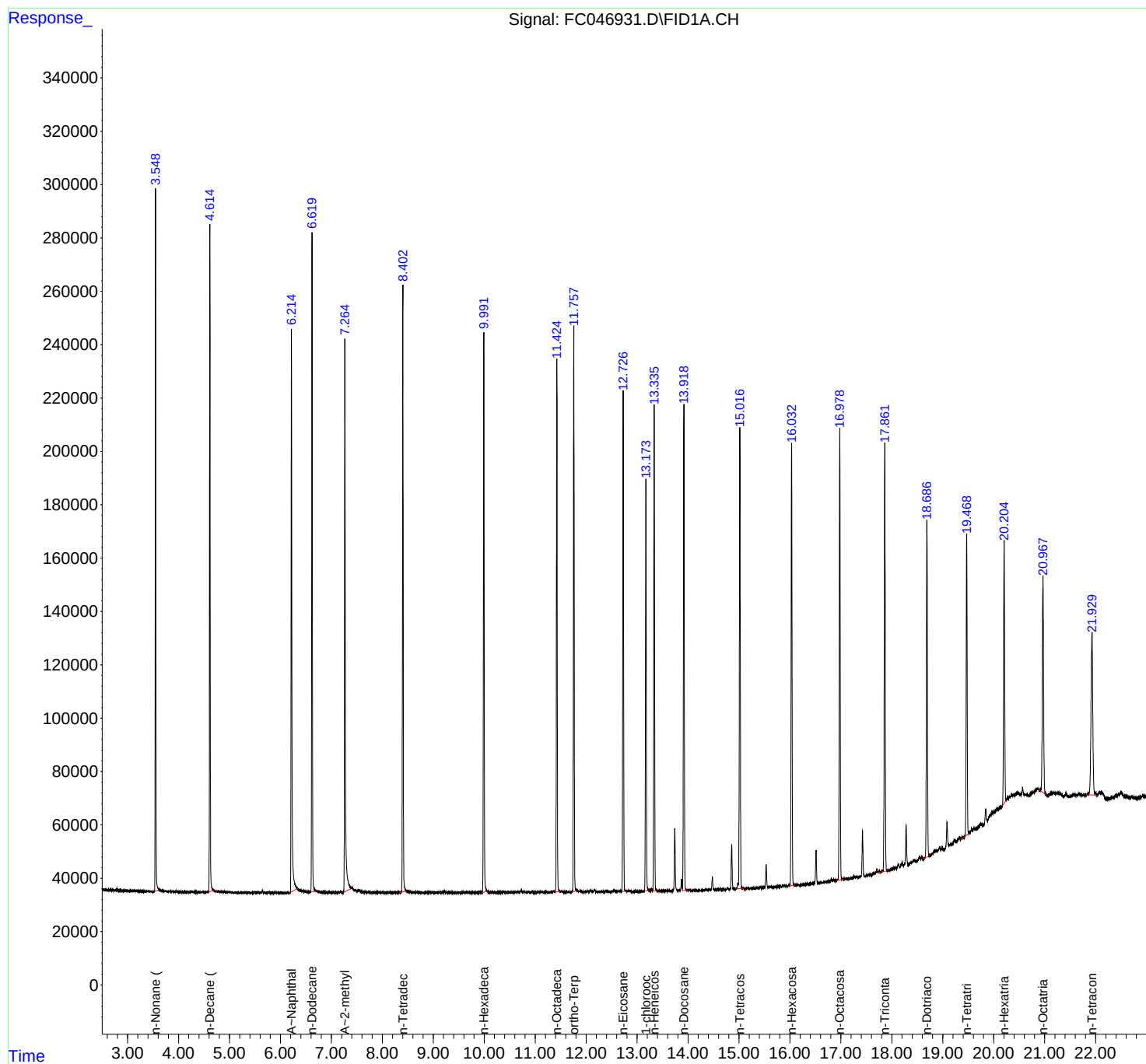
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

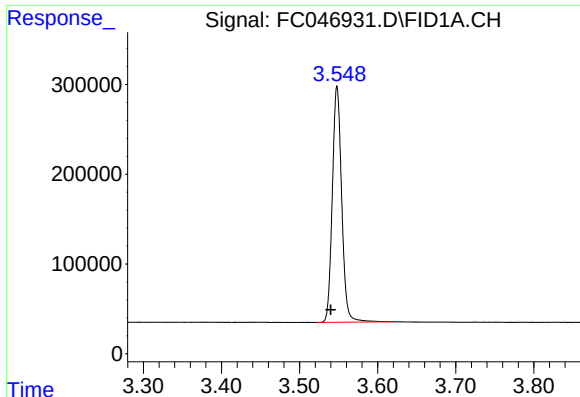
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Integration File: autoint1.e
Quant Time: Apr 20 14:26:43 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
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Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





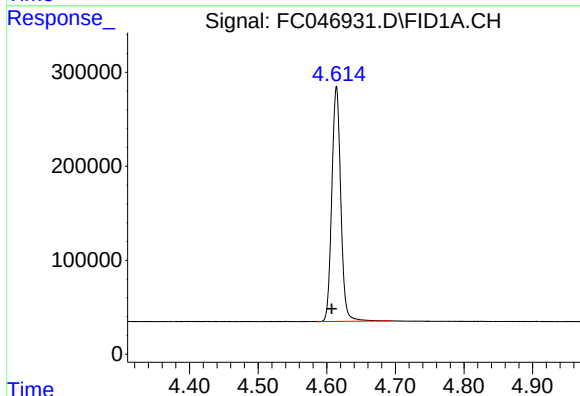
#1 n-Nonane (C9)

R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 2190864
Conc: 22.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

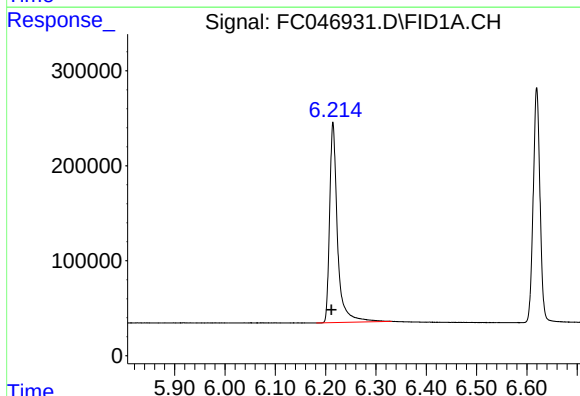
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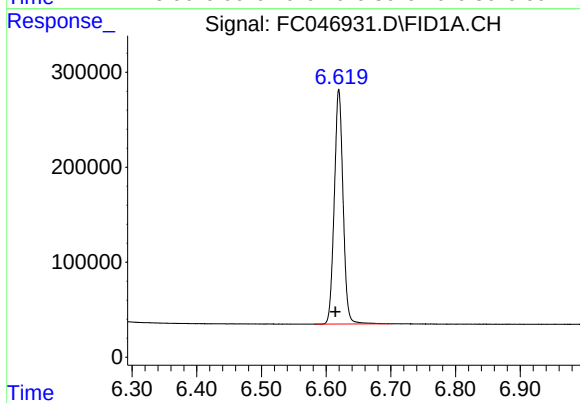
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.007 min
Response: 2267742
Conc: 23.61 ug/ml



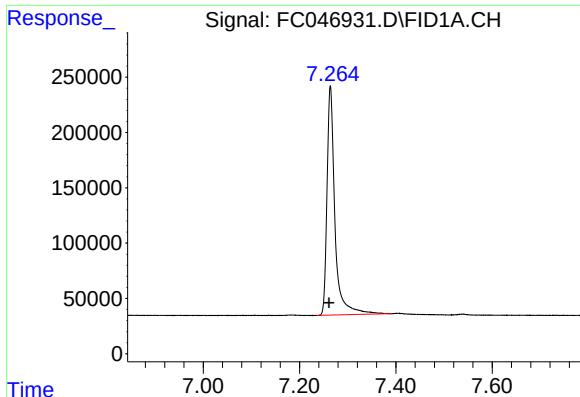
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.004 min
Response: 2300088
Conc: 22.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: 0.005 min
Response: 2329250
Conc: 23.86 ug/ml



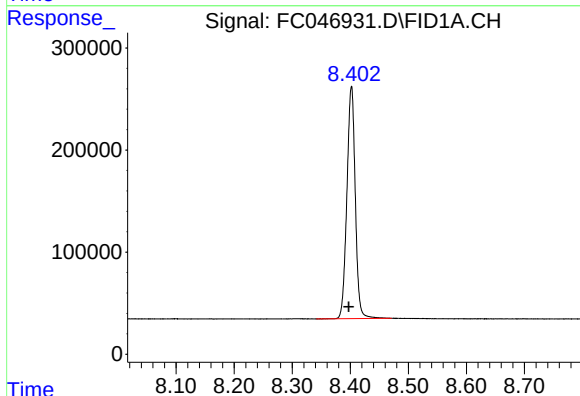
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 2337755
Conc: 23.12 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

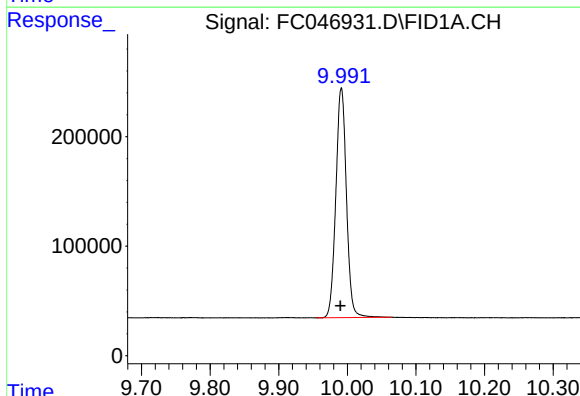
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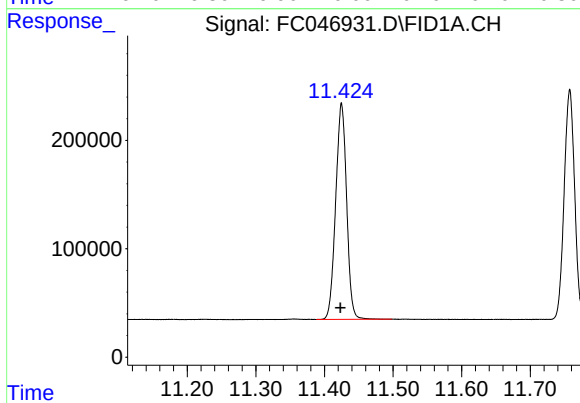
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.005 min
Response: 2284664
Conc: 23.20 ug/ml



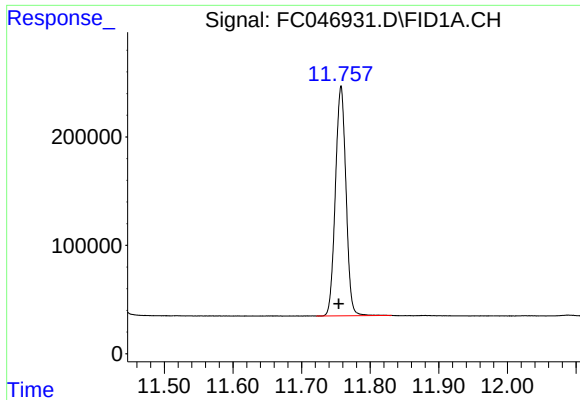
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: 0.001 min
Response: 2247593
Conc: 22.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.425 min
Delta R.T.: 0.002 min
Response: 2207197
Conc: 21.75 ug/ml



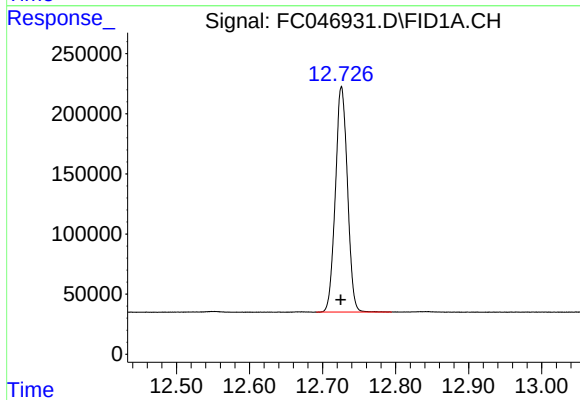
#9 ortho-Terphenyl (SURR)

R.T.: 11.757 min
Delta R.T.: 0.003 min
Response: 2266209
Conc: 20.73 ug/ml

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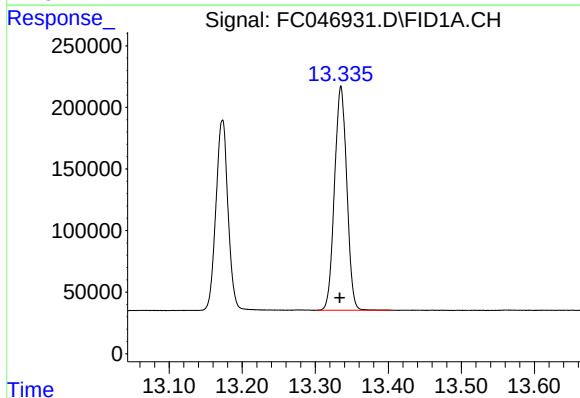
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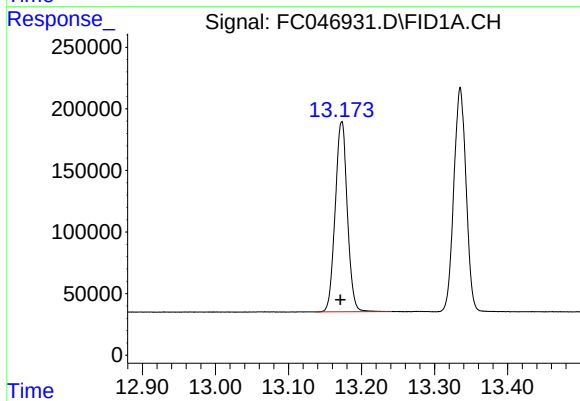
#10 n-Eicosane (C20)

R.T.: 12.726 min
Delta R.T.: 0.001 min
Response: 2150947
Conc: 21.04 ug/ml



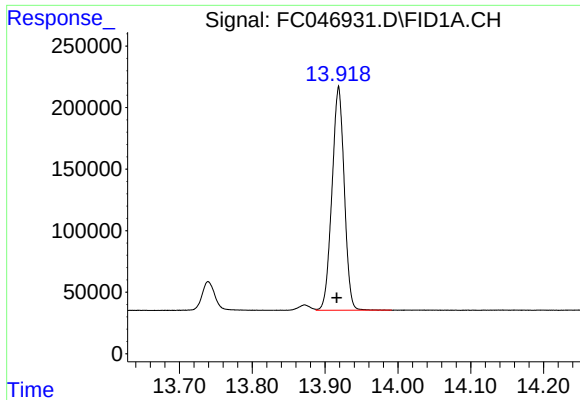
#11 n-Heneicosane (C21)

R.T.: 13.335 min
Delta R.T.: 0.001 min
Response: 2126507
Conc: 20.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.173 min
Delta R.T.: 0.001 min
Response: 1777724
Conc: 20.63 ug/ml



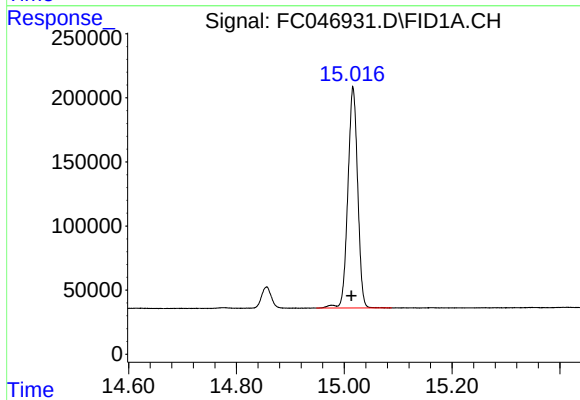
#13 n-Docosane (C22)

R.T.: 13.918 min
Delta R.T.: 0.002 min
Response: 2128565
Conc: 20.74 ug/ml

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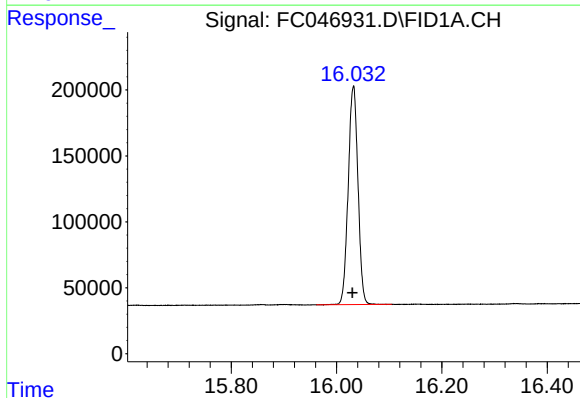
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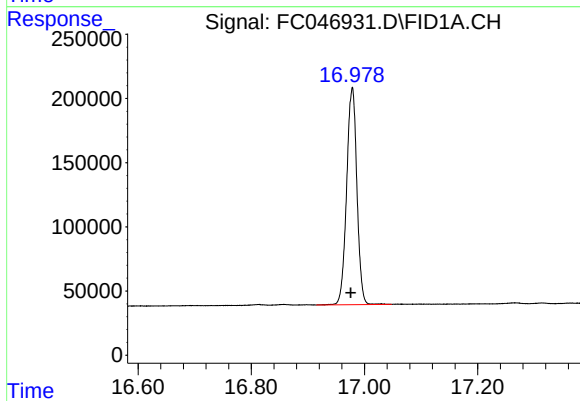
#14 n-Tetracosane (C24)

R.T.: 15.016 min
Delta R.T.: 0.003 min
Response: 2173076
Conc: 21.05 ug/ml



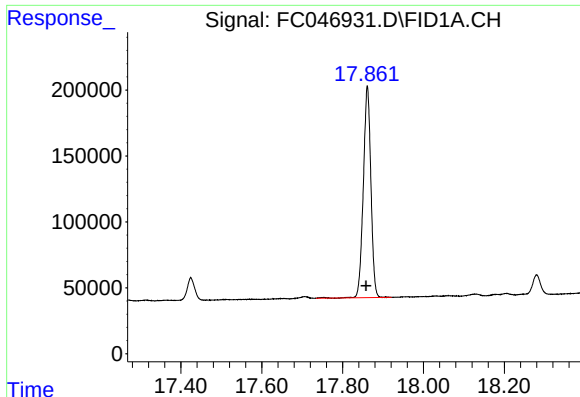
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: 0.002 min
Response: 2129930
Conc: 20.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.978 min
Delta R.T.: 0.002 min
Response: 2130123
Conc: 20.93 ug/ml



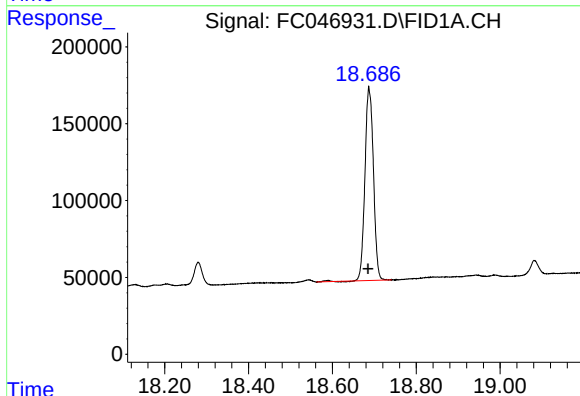
#17 n-Tricontane (C30)

R.T.: 17.861 min
Delta R.T.: 0.003 min
Response: 2080146
Conc: 21.23 ug/ml

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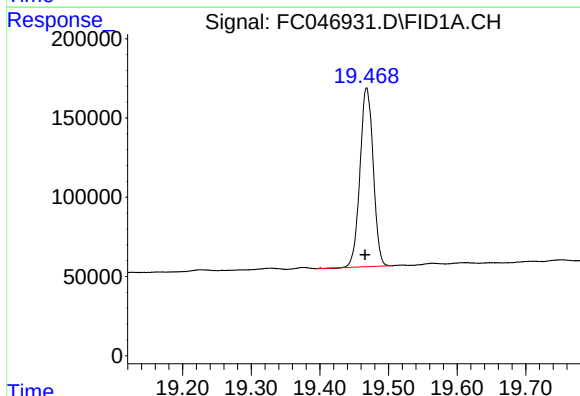
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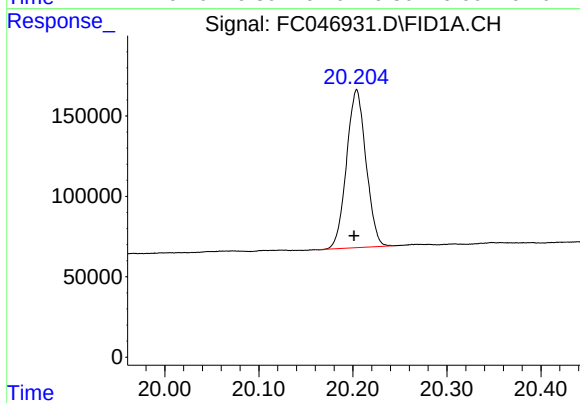
#18 n-Dotriacontane (C32)

R.T.: 18.688 min
Delta R.T.: 0.003 min
Response: 1767197
Conc: 21.08 ug/ml



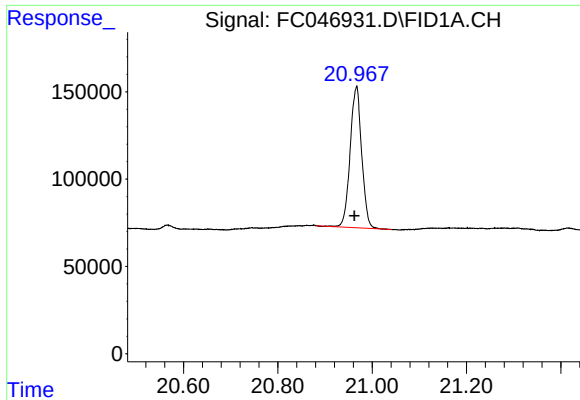
#19 n-Tetratriacontane (C34)

R.T.: 19.468 min
Delta R.T.: 0.003 min
Response: 1511275
Conc: 21.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.204 min
Delta R.T.: 0.002 min
Response: 1413103
Conc: 20.17 ug/ml m



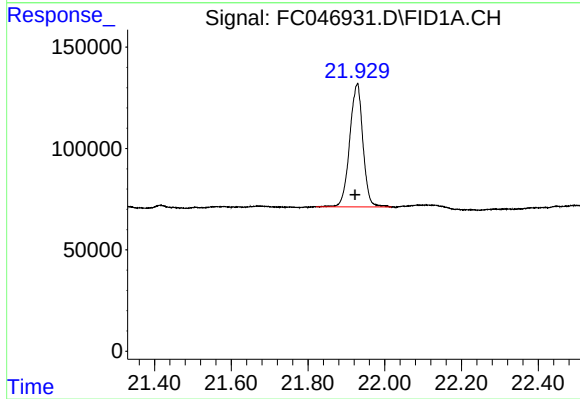
#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: 0.004 min
Response: 1375464
Conc: 21.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.928 min
Delta R.T.: 0.005 min
Response: 1452546
Conc: 20.99 ug/ml