

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041820AL\
 Data File : FC046918.D
 Signal(s) : FID1A.CH
 Acq On : 19 Apr 2020 15:03
 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
 4/20/2020 2:00:53 PM

Integration File: autoint1.e
 Quant Time: Apr 19 22:35:51 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	2208591	20.204 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	13.172	1742209	20.216 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T n-Nonane (C9)	3.549	2143655	22.321 ug/ml
2) T n-Decane (C10)	4.615	2213106	23.042 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2262369	22.579 ug/ml
4) T n-Dodecane (C12)	6.620	2272681	23.284 ug/ml
5) T A~2-methylnaphthalene...	7.264	2290689	22.657 ug/ml
6) T n-Tetradecane (C14)	8.401	2235126	22.699 ug/ml
7) T n-Hexadecane (C16)	9.991	2200127	22.038 ug/ml
8) T n-Octadecane (C18)	11.424	2155414	21.236 ug/ml
10) T n-Eicosane (C20)	12.727	2103468	20.576 ug/ml
11) T n-Heneicosane (C21)	13.336	2068615	20.063 ug/ml
13) T n-Docosane (C22)	13.918	2071737	20.182 ug/ml
14) T n-Tetracosane (C24)	15.015	2089312	20.240 ug/ml
15) T n-Hexacosane (C26)	16.032	2059528	20.073 ug/ml
16) T n-Octacosane (C28)	16.977	2054665	20.188 ug/ml
17) T n-Tricontane (C30)	17.860	2017643	20.594 ug/ml
18) T n-Dotriacontane (C32)	18.688	1733794	20.680 ug/ml
19) T n-Tetratriacontane (C34)	19.466	1471145	20.533 ug/mlm
20) T n-Hexatriacontane (C36)	20.205	1379252	19.688 ug/mlm
21) T n-Octatriacontane (C38)	20.965	1471402	23.318 ug/ml
22) T n-Tetracontane (C40)	21.924	1375428	19.876 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041820AL\
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Signal(s) : FID1A.CH
Acq On : 19 Apr 2020 15:03
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

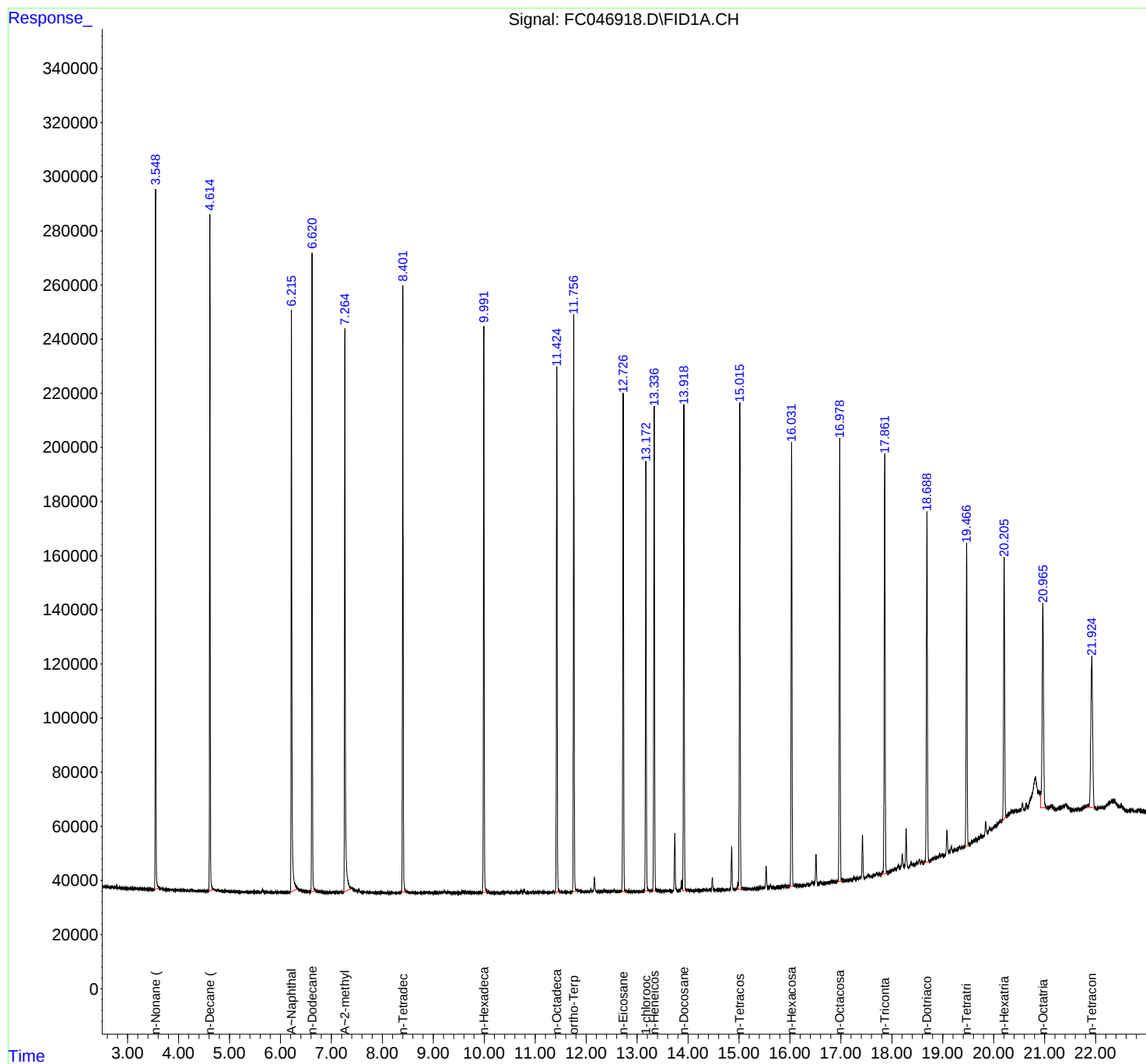
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

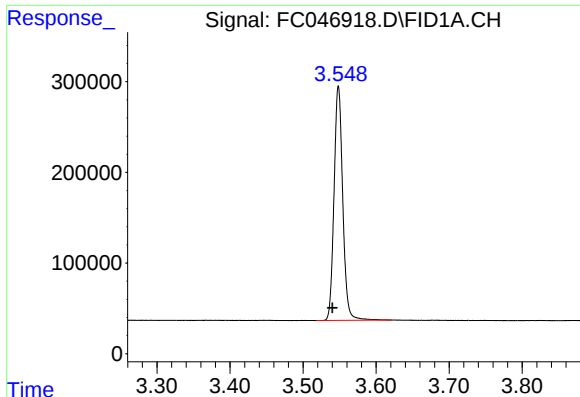
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
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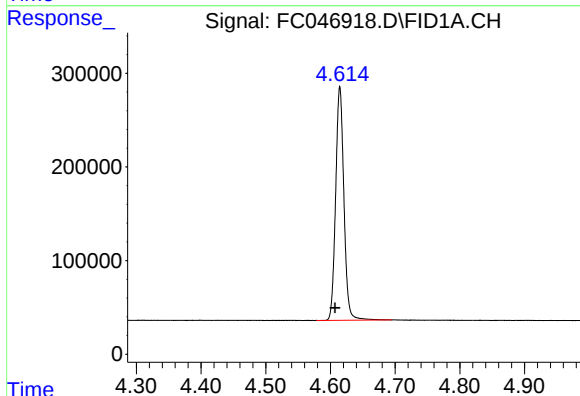
#1 n-Nonane (C9)

R.T.: 3.549 min
Delta R.T.: 0.009 min
Response: 2143655
Conc: 22.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

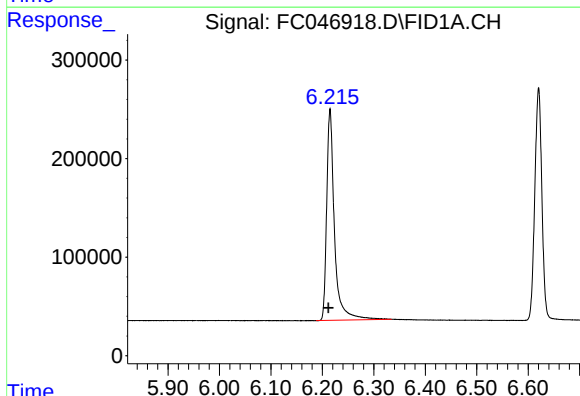
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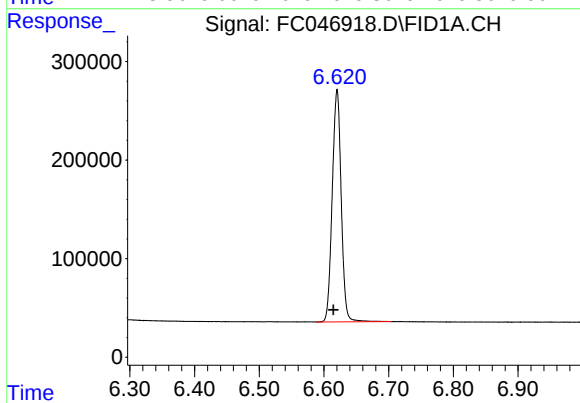
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.008 min
Response: 2213106
Conc: 23.04 ug/ml



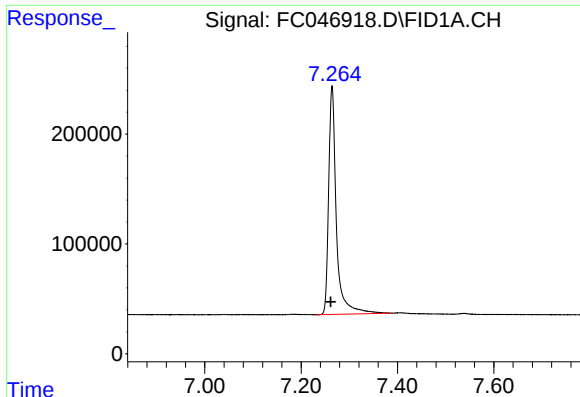
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.004 min
Response: 2262369
Conc: 22.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: 0.006 min
Response: 2272681
Conc: 23.28 ug/ml



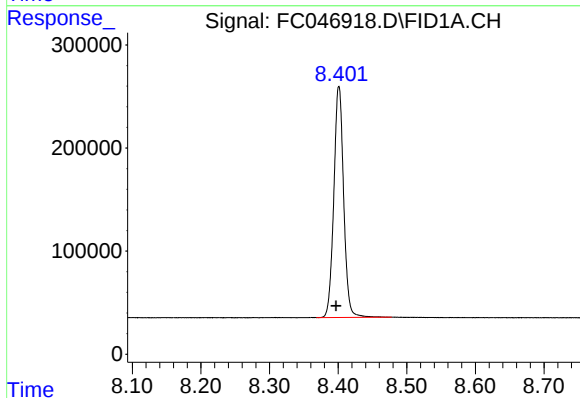
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 2290689
Conc: 22.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

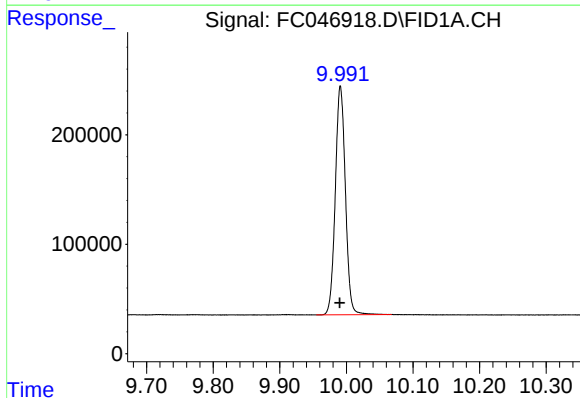
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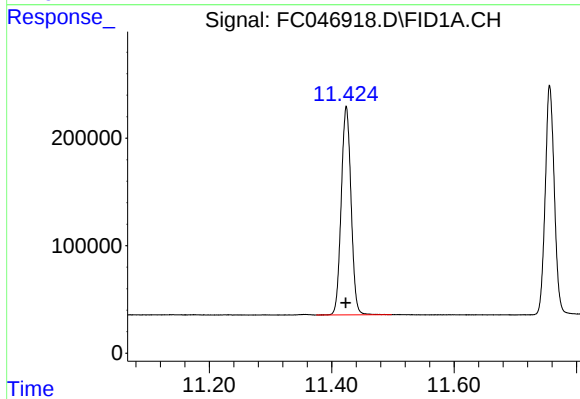
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.004 min
Response: 2235126
Conc: 22.70 ug/ml



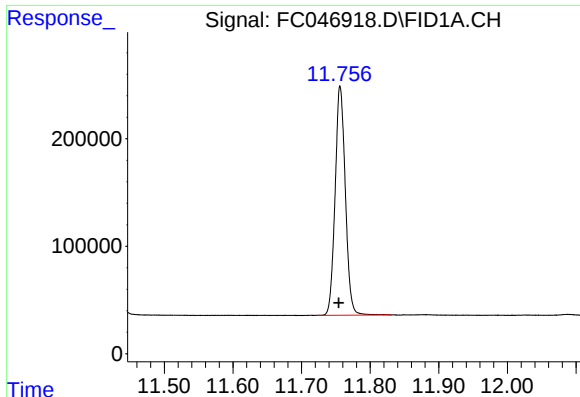
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: 0.001 min
Response: 2200127
Conc: 22.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.424 min
Delta R.T.: 0.000 min
Response: 2155414
Conc: 21.24 ug/ml



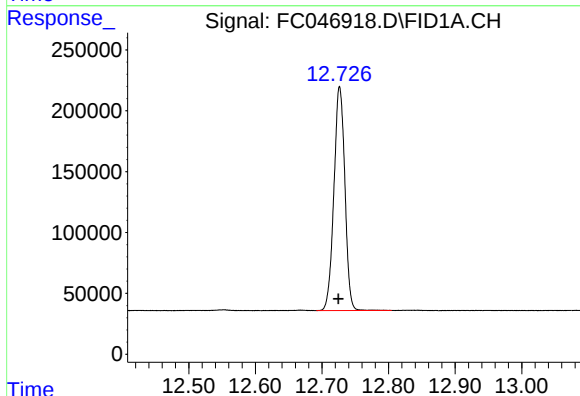
#9 ortho-Terphenyl (SURR)

R.T.: 11.757 min
Delta R.T.: 0.002 min
Response: 2208591
Conc: 20.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

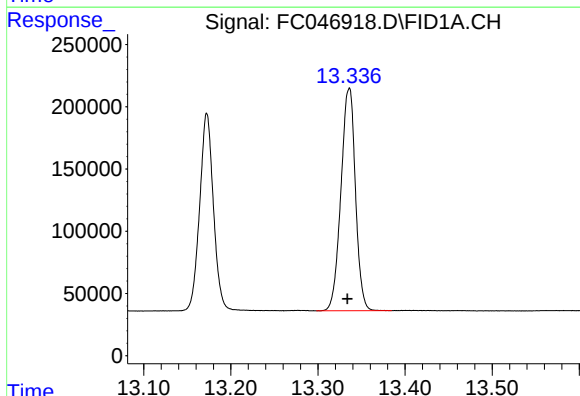
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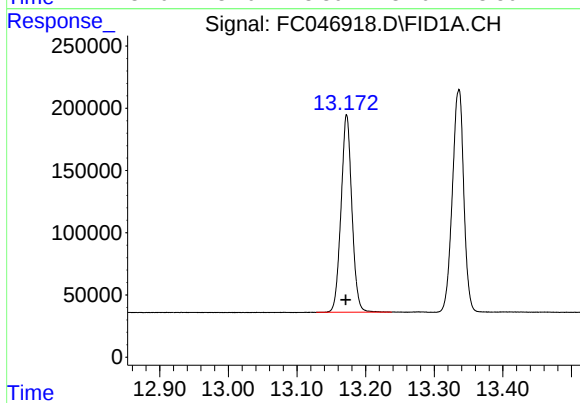
#10 n-Eicosane (C20)

R.T.: 12.727 min
Delta R.T.: 0.002 min
Response: 2103468
Conc: 20.58 ug/ml



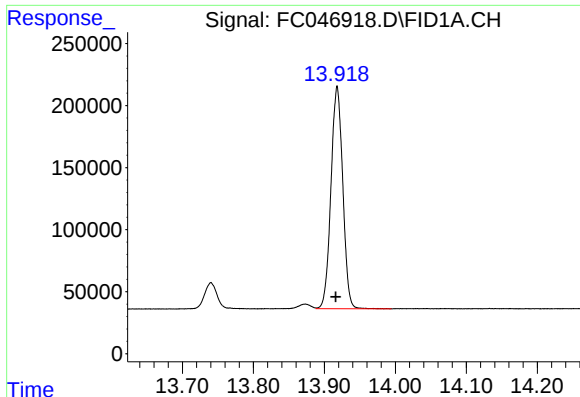
#11 n-Heneicosane (C21)

R.T.: 13.336 min
Delta R.T.: 0.002 min
Response: 2068615
Conc: 20.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.172 min
Delta R.T.: 0.001 min
Response: 1742209
Conc: 20.22 ug/ml



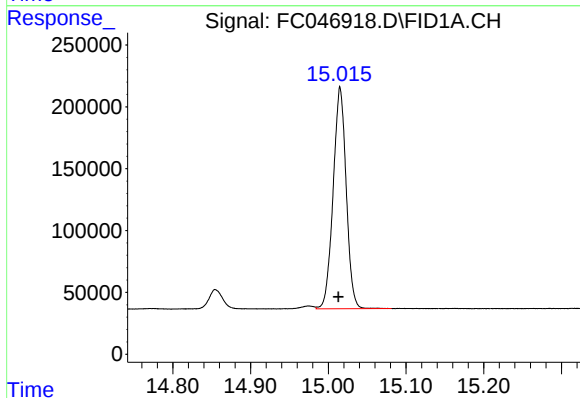
#13 n-Docosane (C22)

R.T.: 13.918 min
Delta R.T.: 0.002 min
Response: 2071737
Conc: 20.18 ug/ml

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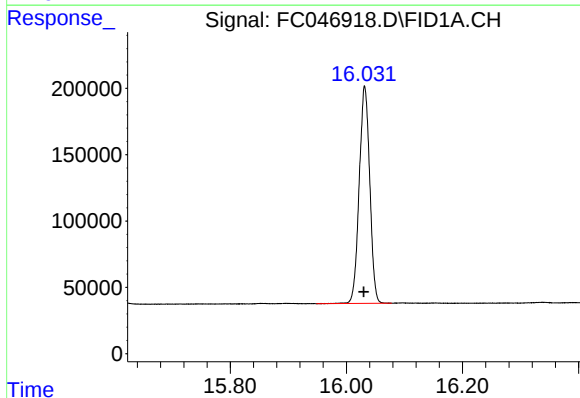
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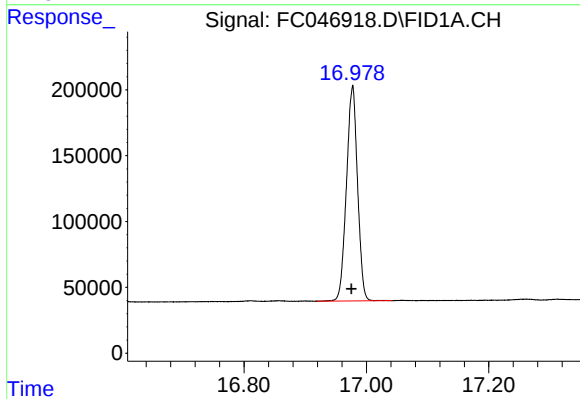
#14 n-Tetracosane (C24)

R.T.: 15.015 min
Delta R.T.: 0.002 min
Response: 2089312
Conc: 20.24 ug/ml



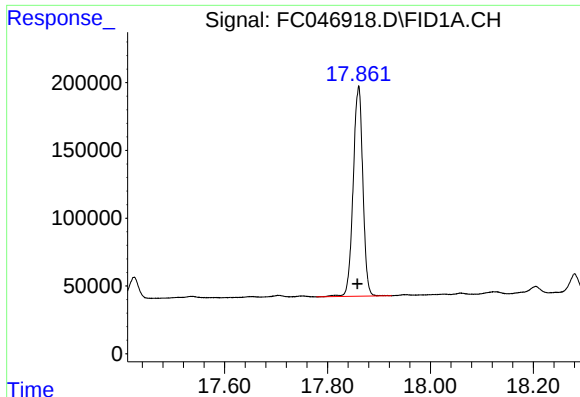
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: 0.002 min
Response: 2059528
Conc: 20.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.977 min
Delta R.T.: 0.002 min
Response: 2054665
Conc: 20.19 ug/ml



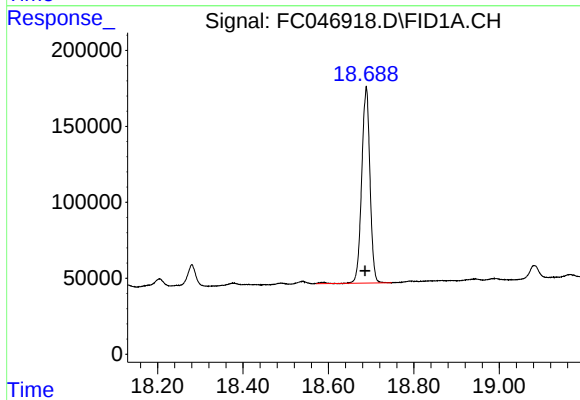
#17 n-Tricontane (C30)

R.T.: 17.860 min
Delta R.T.: 0.002 min
Response: 2017643
Conc: 20.59 ug/ml

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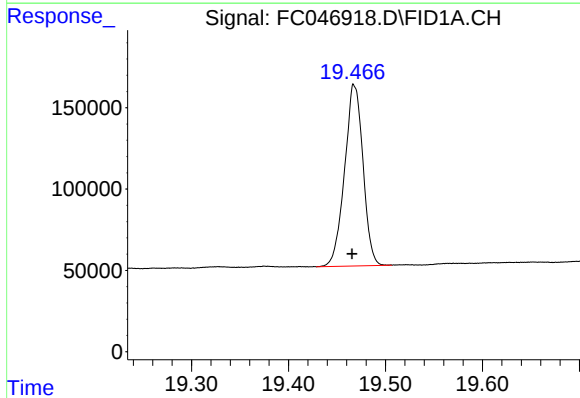
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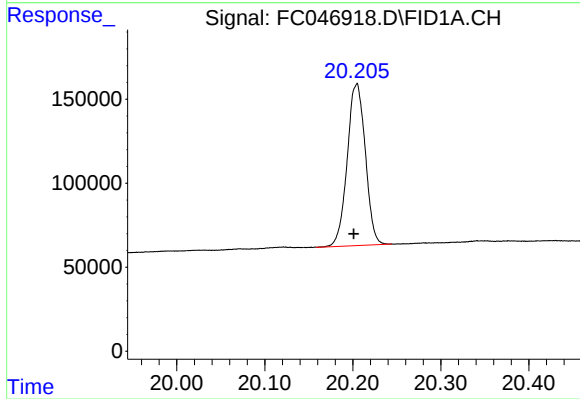
#18 n-Dotriacontane (C32)

R.T.: 18.688 min
Delta R.T.: 0.003 min
Response: 1733794
Conc: 20.68 ug/ml



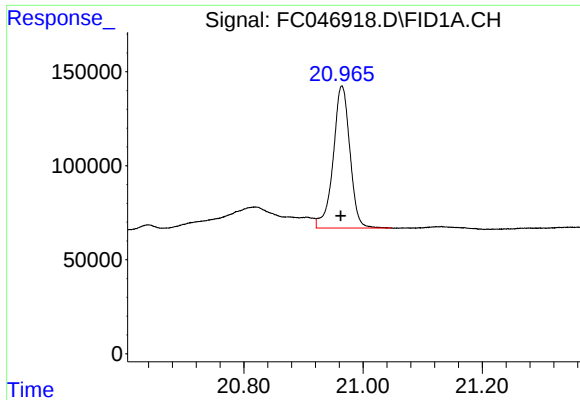
#19 n-Tetratriacontane (C34)

R.T.: 19.466 min
Delta R.T.: 0.000 min
Response: 1471145
Conc: 20.53 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.205 min
Delta R.T.: 0.004 min
Response: 1379252
Conc: 19.69 ug/ml m



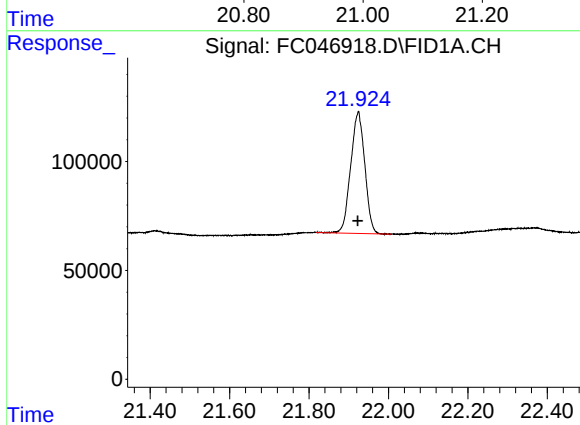
#21 n-Octatriacontane (C38)

R.T.: 20.965 min
Delta R.T.: 0.002 min
Response: 1471402
Conc: 23.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.924 min
Delta R.T.: 0.001 min
Response: 1375428
Conc: 19.88 ug/ml