

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061822AL\
 Data File : FC060329.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jun 2022 21:09
 Operator : UA/NP
 Sample : N3390-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PT-2-061722MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2022
 Supervised By :Ankita Jodhani 06/20/2022

Integration File: autoint1.e
 Quant Time: Jun 20 01:00:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 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)	10.654	3443741	22.129 ug/mlm
Spiked Amount 50.000		Recovery =	44.26%
12) S 1-chlorooctadecane (S...	12.022	2739961	22.098 ug/ml
Spiked Amount 50.000		Recovery =	44.20%
Target Compounds			
1) T n-Nonane (C9)	2.620	2438365	19.052 ug/ml
2) T n-Decane (C10)	3.620	2919213	22.819 ug/ml
3) T A~Naphthalene (C11.7)	5.160	3583794	24.794 ug/mlm
4) T n-Dodecane (C12)	5.575	3764559	28.240 ug/mlm
5) T A~2-methylnaphthalene...	6.185	3814716	25.991 ug/ml
6) T n-Tetradecane (C14)	7.332	4025692	29.489 ug/mlm
7) T n-Hexadecane (C16)	8.896	4490878	32.007 ug/mlm
8) T n-Octadecane (C18)	10.307	4564700	31.897 ug/mlm
10) T n-Eicosane (C20)	11.588	4698349	32.932 ug/mlm
11) T n-Heneicosane (C21)	12.187	4247284	29.631 ug/ml
13) T n-Docosane (C22)	12.760	4106862	28.820 ug/ml
14) T n-Tetracosane (C24)	13.841	7426673	52.923 ug/ml
15) T n-Hexacosane (C26)	14.842	3753812	27.721 ug/ml
16) T n-Octacosane (C28)	15.773	3935419	30.218 ug/mlm
17) T n-Tricontane (C30)	16.640	3714908	30.344 ug/mlm
18) T n-Dotriacontane (C32)	17.455	3628031	32.540 ug/mlm
19) T n-Tetratriacontane (C34)	18.221	3550582	34.811 ug/mlm
20) T n-Hexatriacontane (C36)	18.946	3038805	32.089 ug/ml
21) T n-Octatriacontane (C38)	19.634	3384160	36.680 ug/mlm
22) T n-Tetracontane (C40)	20.283	3362949	35.743 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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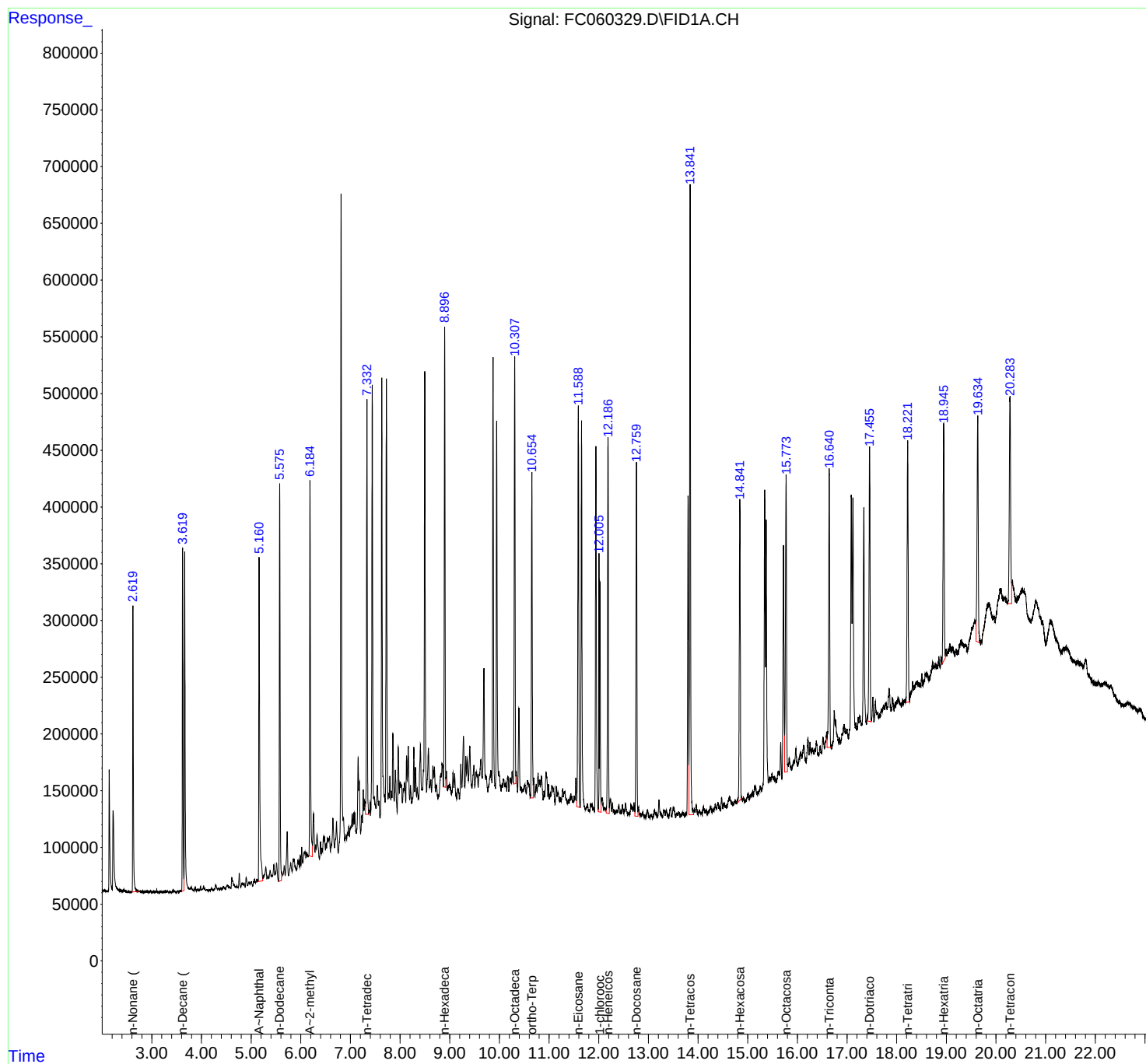
Instrument :
FID_C
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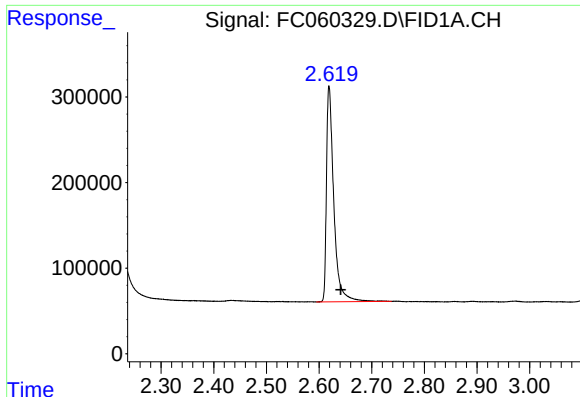
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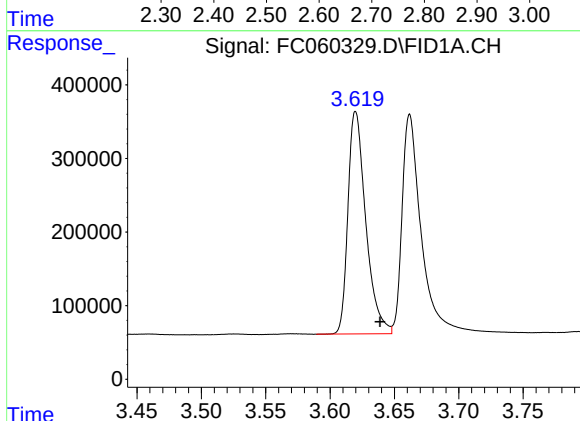
#1 n-Nonane (C9)

R.T.: 2.620 min
Delta R.T.: -0.021 min
Response: 2438365
Conc: 19.05 ug/ml

Instrument :
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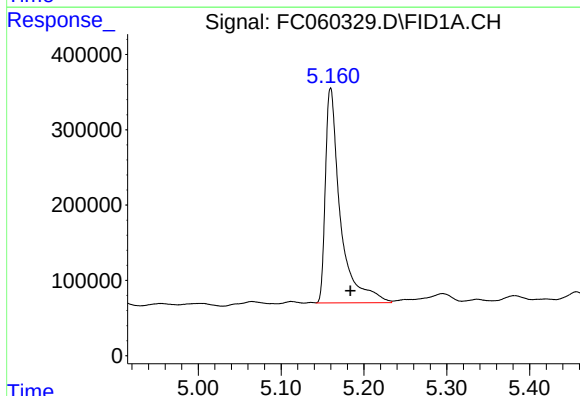
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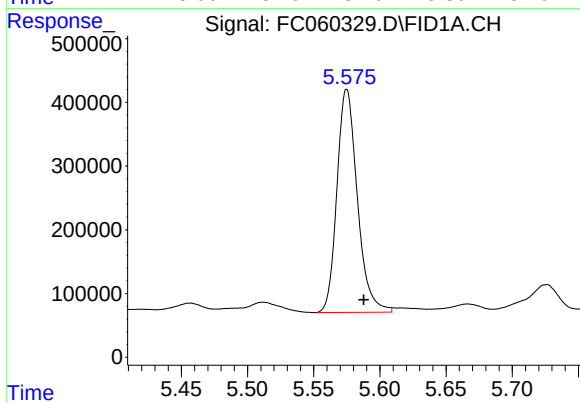
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.018 min
Response: 2919213
Conc: 22.82 ug/ml



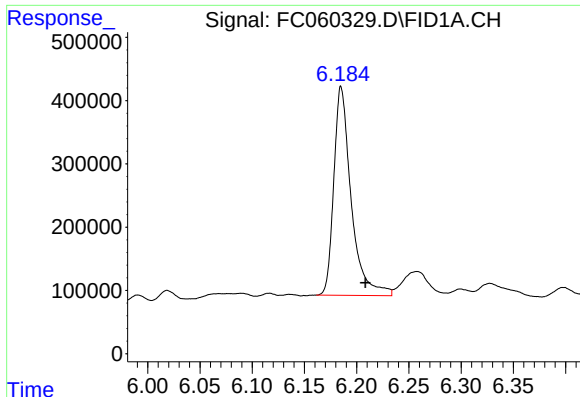
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.024 min
Response: 3583794
Conc: 24.79 ug/ml m



#4 n-Dodecane (C12)

R.T.: 5.575 min
Delta R.T.: -0.013 min
Response: 3764559
Conc: 28.24 ug/ml m



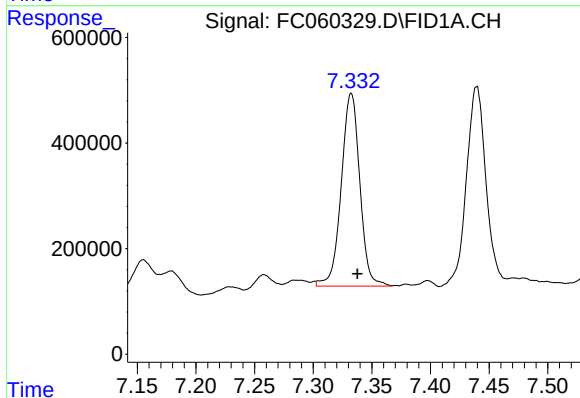
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.185 min
Delta R.T.: -0.023 min
Response: 3814716
Conc: 25.99 ug/ml

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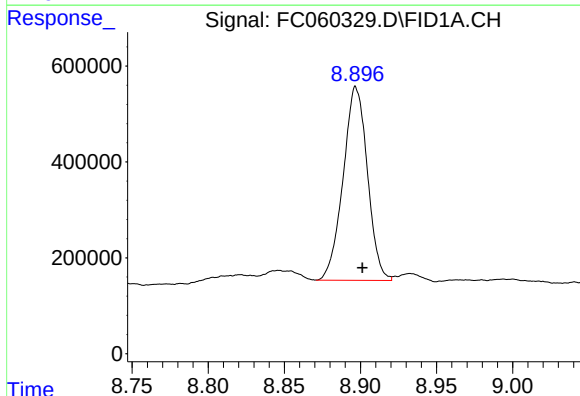
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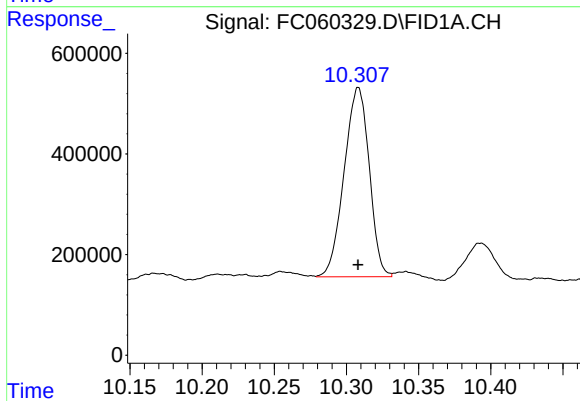
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 4025692
Conc: 29.49 ug/ml m



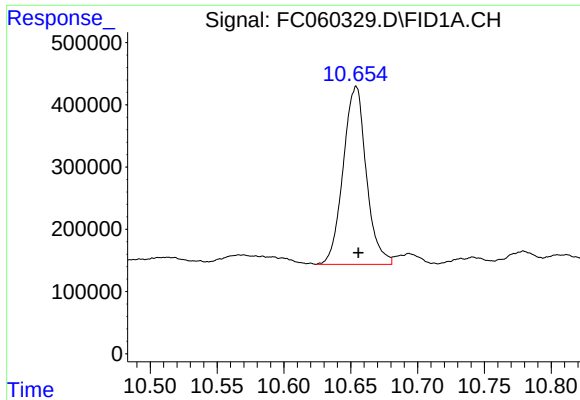
#7 n-Hexadecane (C16)

R.T.: 8.896 min
Delta R.T.: -0.005 min
Response: 4490878
Conc: 32.01 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.307 min
Delta R.T.: 0.000 min
Response: 4564700
Conc: 31.90 ug/ml m



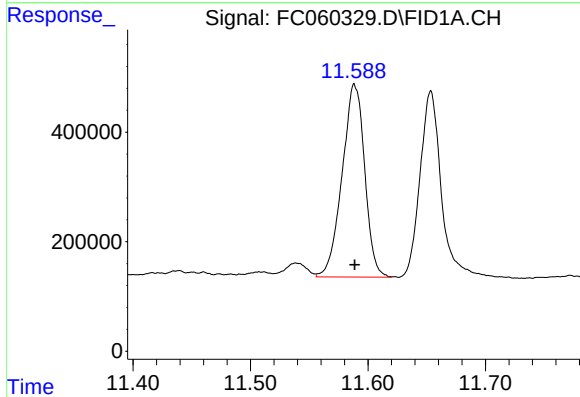
#9 ortho-Terphenyl (SURR)

R.T.: 10.654 min
Delta R.T.: -0.002 min
Response: 3443741
Conc: 22.13 ug/ml

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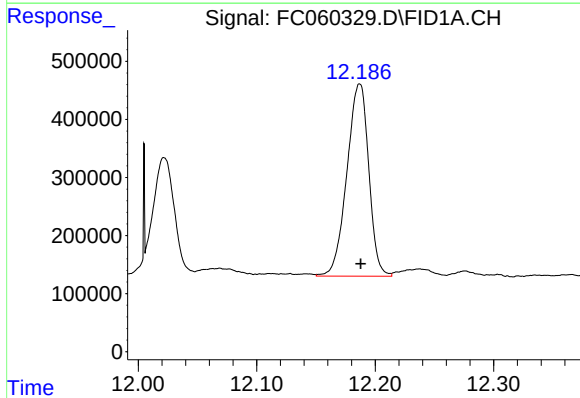
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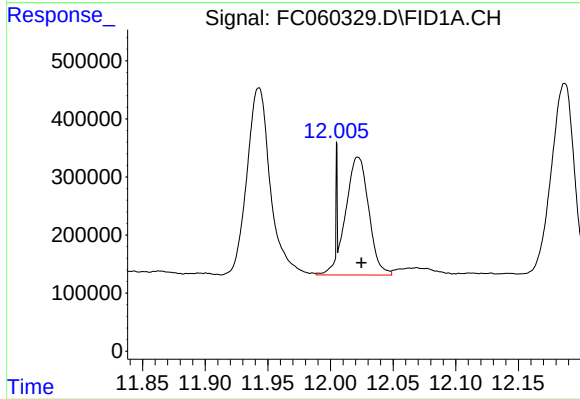
#10 n-Eicosane (C20)

R.T.: 11.588 min
Delta R.T.: 0.000 min
Response: 4698349
Conc: 32.93 ug/ml m



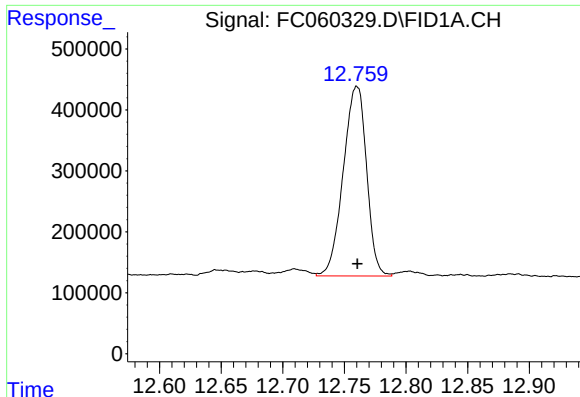
#11 n-Heneicosane (C21)

R.T.: 12.187 min
Delta R.T.: -0.001 min
Response: 4247284
Conc: 29.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.022 min
Delta R.T.: -0.003 min
Response: 2739961
Conc: 22.10 ug/ml



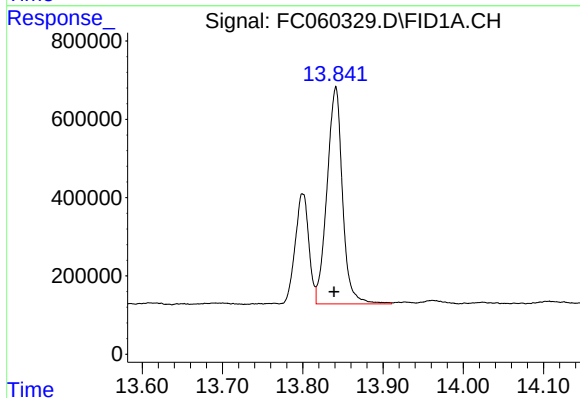
#13 n-Docosane (C22)

R.T.: 12.760 min
Delta R.T.: 0.000 min
Response: 4106862
Conc: 28.82 ug/ml

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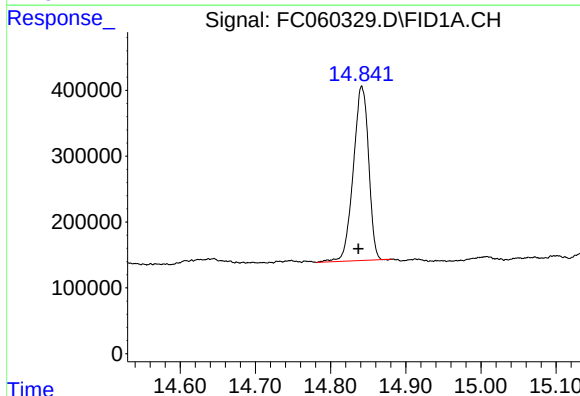
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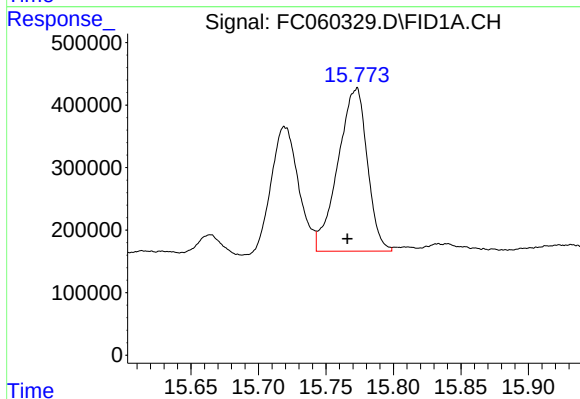
#14 n-Tetracosane (C24)

R.T.: 13.841 min
Delta R.T.: 0.002 min
Response: 7426673
Conc: 52.92 ug/ml



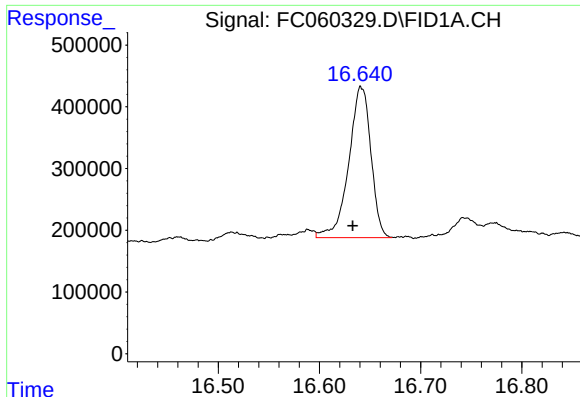
#15 n-Hexacosane (C26)

R.T.: 14.842 min
Delta R.T.: 0.004 min
Response: 3753812
Conc: 27.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.773 min
Delta R.T.: 0.007 min
Response: 3935419
Conc: 30.22 ug/ml m



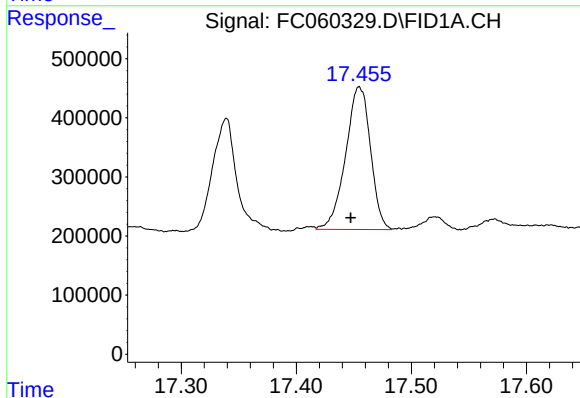
#17 n-Tricontane (C30)

R.T.: 16.640 min
Delta R.T.: 0.007 min
Response: 3714908
Conc: 30.34 ug/ml

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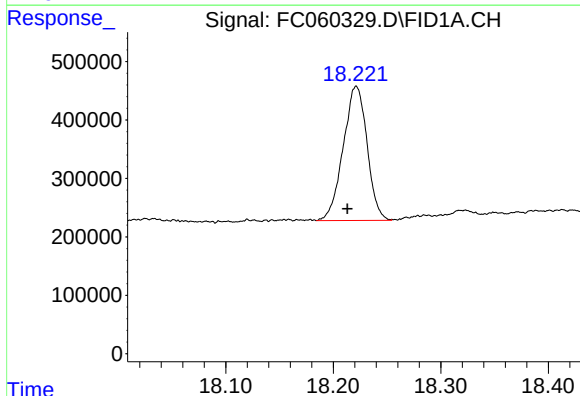
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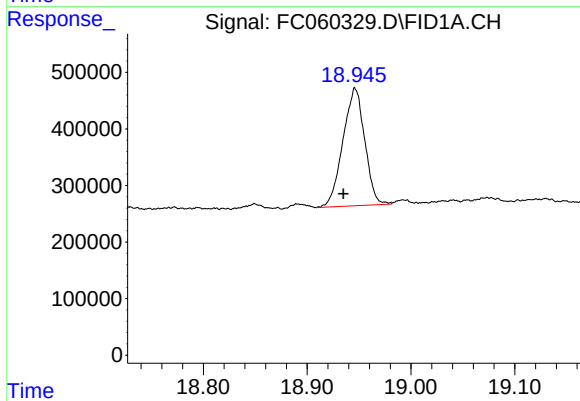
#18 n-Dotriacontane (C32)

R.T.: 17.455 min
Delta R.T.: 0.007 min
Response: 3628031
Conc: 32.54 ug/ml m



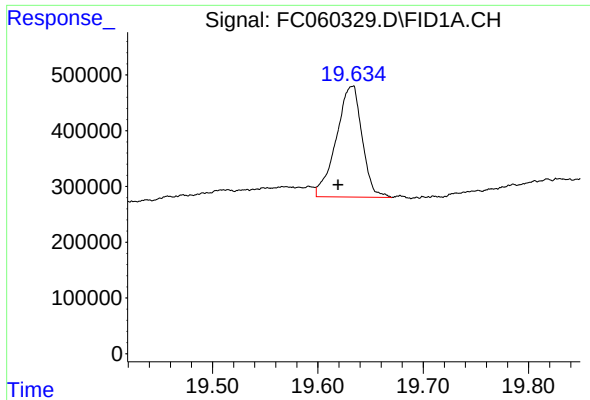
#19 n-Tetratriacontane (C34)

R.T.: 18.221 min
Delta R.T.: 0.008 min
Response: 3550582
Conc: 34.81 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.946 min
Delta R.T.: 0.011 min
Response: 3038805
Conc: 32.09 ug/ml



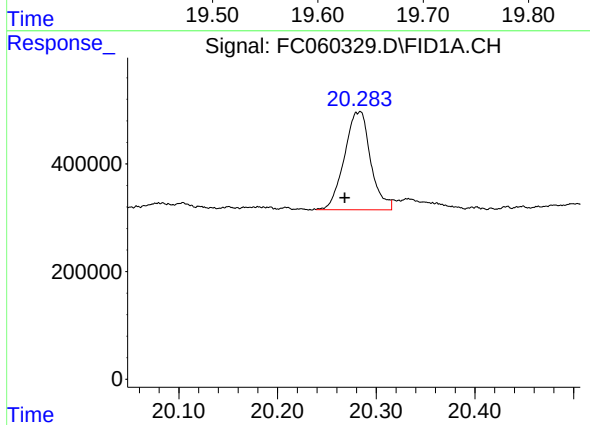
#21 n-Octatriacontane (C38)

R.T.: 19.634 min
Delta R.T.: 0.015 min
Response: 3384160
Conc: 36.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.283 min
Delta R.T.: 0.015 min
Response: 3362949
Conc: 35.74 ug/ml m