

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061621AL\
 Data File : FC054286.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jun 2021 3:06
 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

Ankita
 6/17/2021 3:18:17 PM

Integration File: autoint1.e
 Quant Time: Jun 17 03:37:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 2021
 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)	11.344	2818126	18.557 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
12) S 1-chlorooctadecane (S...	12.790	2156295	18.305 ug/ml
Spiked Amount 50.000		Recovery =	36.61%
Target Compounds			
1) T n-Nonane (C9)	3.155	2582468	20.067 ug/ml
2) T n-Decane (C10)	4.211	2617945	20.423 ug/ml
3) T A~Naphthalene (C11.7)	5.777	2899285	20.072 ug/ml
4) T n-Dodecane (C12)	6.219	2646162	20.179 ug/ml
5) T A~2-methylnaphthalene...	6.829	2898149	20.074 ug/ml
6) T n-Tetradecane (C14)	8.007	2653708	20.016 ug/ml
7) T n-Hexadecane (C16)	9.603	2652575	19.610 ug/ml
8) T n-Octadecane (C18)	11.041	2674345	19.161 ug/ml
10) T n-Eicosane (C20)	12.348	2588170	18.640 ug/ml
11) T n-Heneicosane (C21)	12.959	2576354	18.443 ug/ml
13) T n-Docosane (C22)	13.544	2517964	18.197 ug/ml
14) T n-Tetracosane (C24)	14.645	2455171	17.828 ug/ml
15) T n-Hexacosane (C26)	15.664	2344018	17.403 ug/ml
16) T n-Octacosane (C28)	16.613	2283993	17.237 ug/ml
17) T n-Tricontane (C30)	17.499	2256573	17.557 ug/ml
18) T n-Dotriacontane (C32)	18.330	2191756	17.813 ug/mlm
19) T n-Tetratriacontane (C34)	19.113	2170791	18.556 ug/mlm
20) T n-Hexatriacontane (C36)	19.853	2091200	18.946 ug/ml
21) T n-Octatriacontane (C38)	20.560	2043670	19.992 ug/mlm
22) T n-Tetracontane (C40)	21.388	2109178	19.712 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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Misc :
ALS Vial : 2 Sample Multiplier: 1

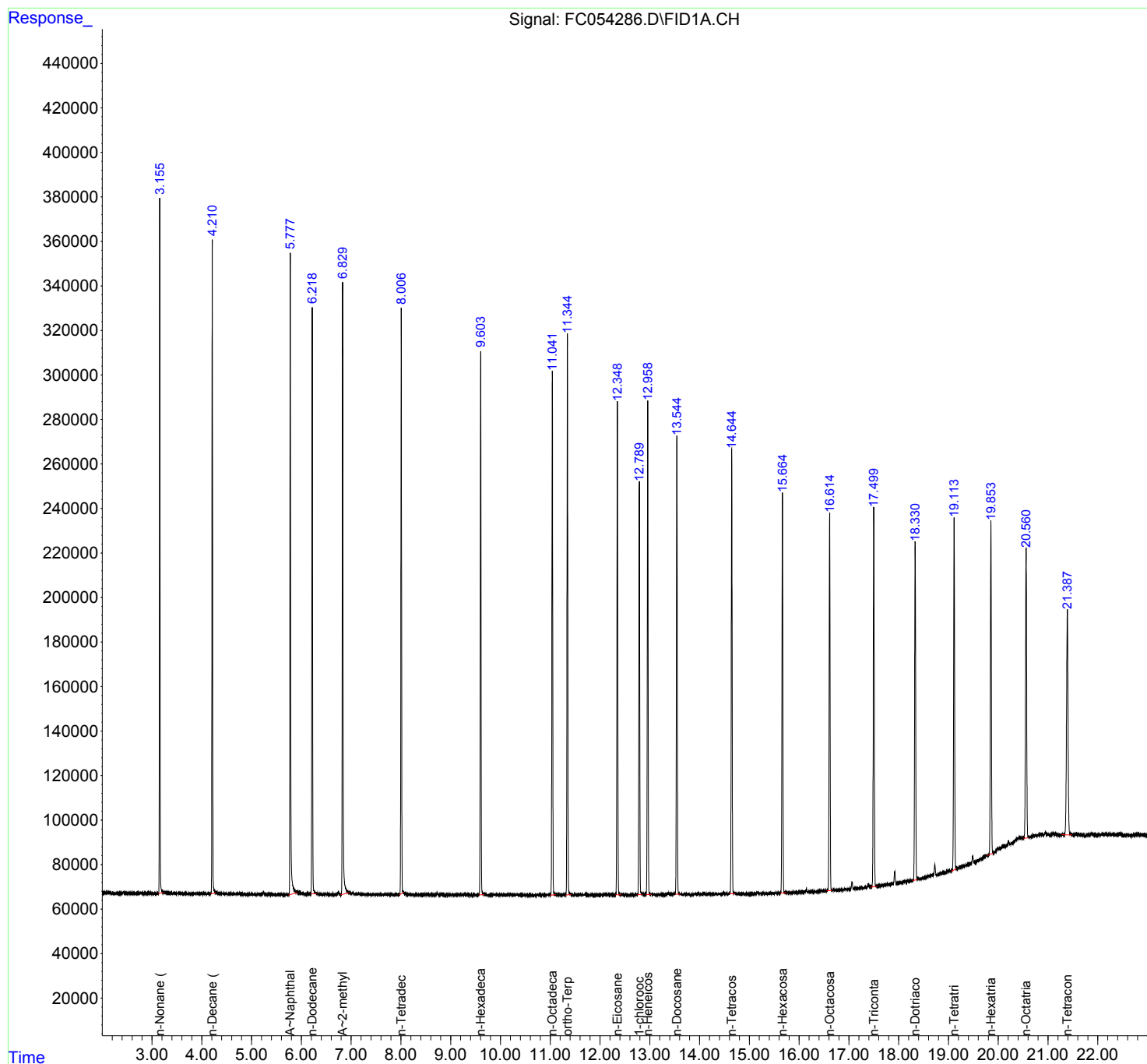
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

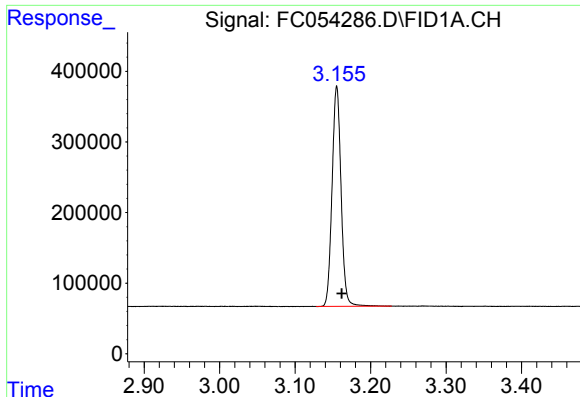
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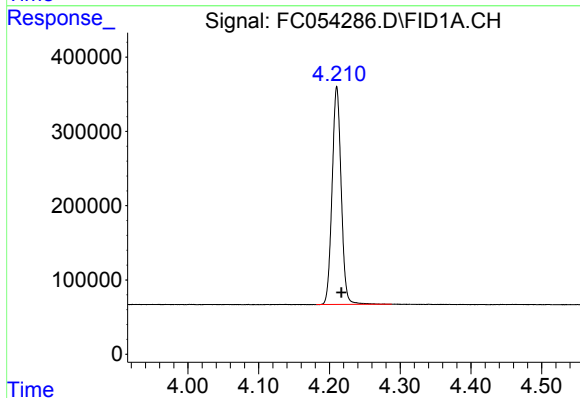
#1 n-Nonane (C9)

R.T.: 3.155 min
Delta R.T.: -0.007 min
Response: 2582468
Conc: 20.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

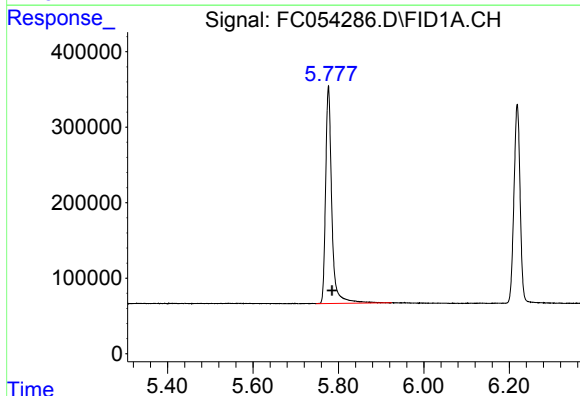
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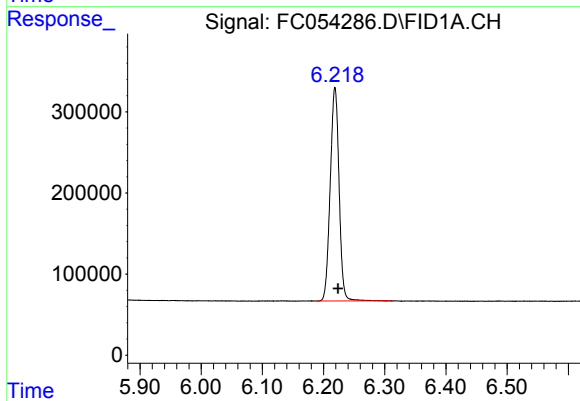
#2 n-Decane (C10)

R.T.: 4.211 min
Delta R.T.: -0.006 min
Response: 2617945
Conc: 20.42 ug/ml



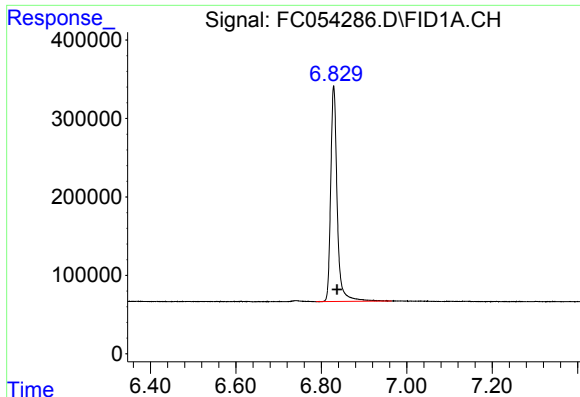
#3 A~Naphthalene (C11.7)

R.T.: 5.777 min
Delta R.T.: -0.009 min
Response: 2899285
Conc: 20.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.219 min
Delta R.T.: -0.005 min
Response: 2646162
Conc: 20.18 ug/ml



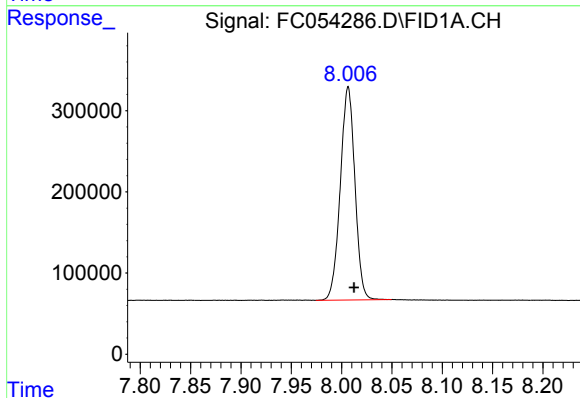
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.829 min
Delta R.T.: -0.008 min
Response: 2898149
Conc: 20.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

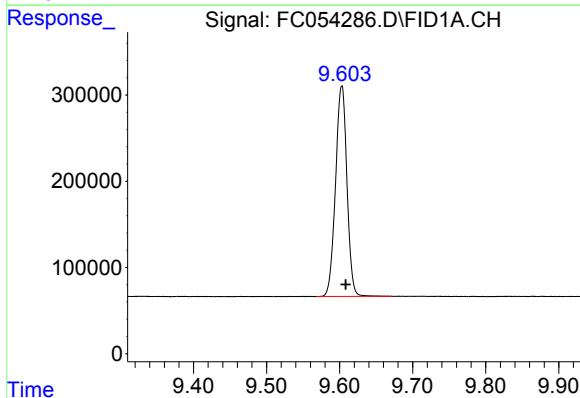
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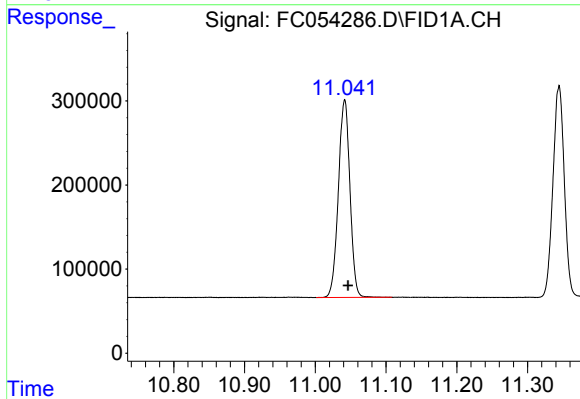
#6 n-Tetradecane (C14)

R.T.: 8.007 min
Delta R.T.: -0.006 min
Response: 2653708
Conc: 20.02 ug/ml



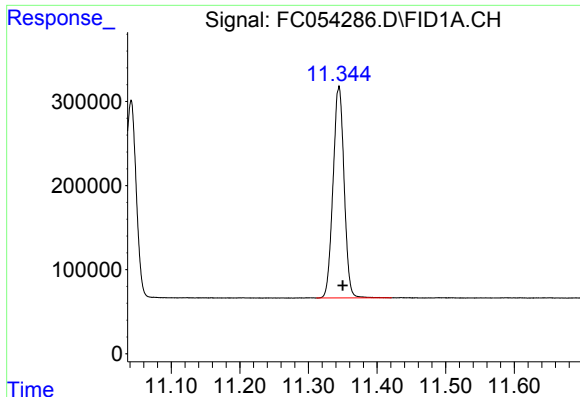
#7 n-Hexadecane (C16)

R.T.: 9.603 min
Delta R.T.: -0.006 min
Response: 2652575
Conc: 19.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.041 min
Delta R.T.: -0.005 min
Response: 2674345
Conc: 19.16 ug/ml



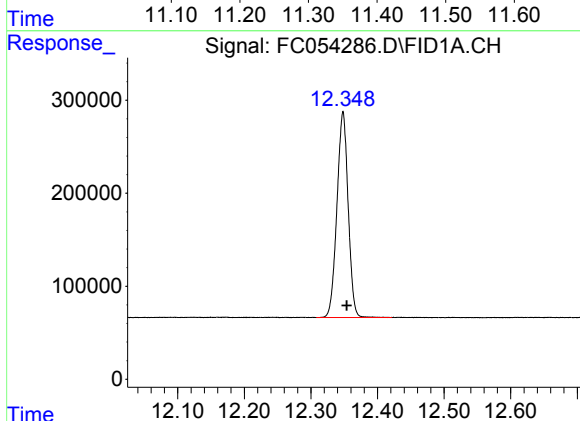
#9 ortho-Terphenyl (SURR)

R.T.: 11.344 min
Delta R.T.: -0.006 min
Response: 2818126
Conc: 18.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

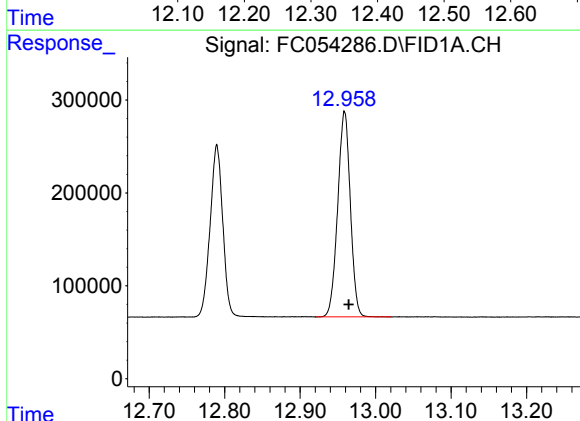
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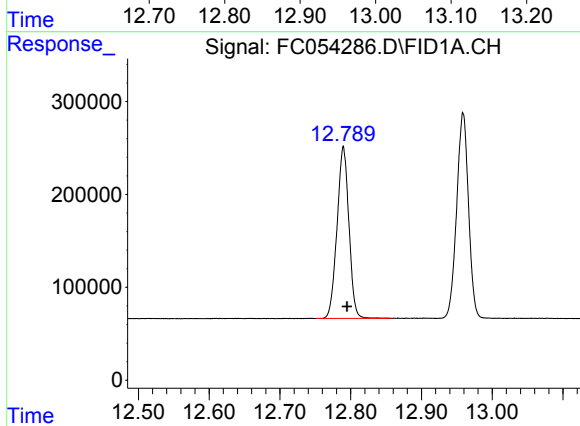
#10 n-Eicosane (C20)

R.T.: 12.348 min
Delta R.T.: -0.006 min
Response: 2588170
Conc: 18.64 ug/ml



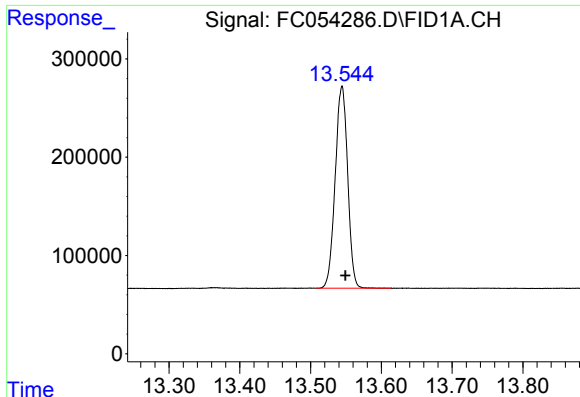
#11 n-Heneicosane (C21)

R.T.: 12.959 min
Delta R.T.: -0.006 min
Response: 2576354
Conc: 18.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.790 min
Delta R.T.: -0.005 min
Response: 2156295
Conc: 18.30 ug/ml



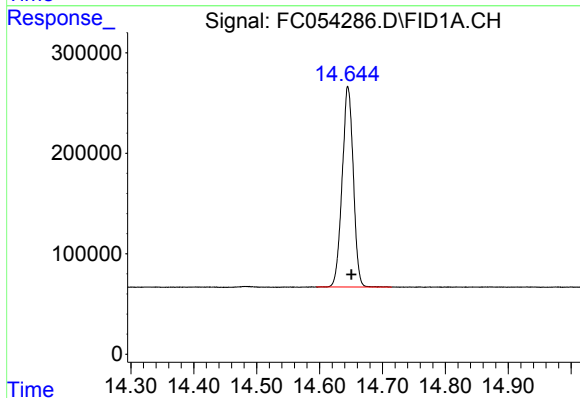
#13 n-Docosane (C22)

R.T.: 13.544 min
Delta R.T.: -0.005 min
Response: 2517964
Conc: 18.20 ug/ml

Instrument :
FID_C
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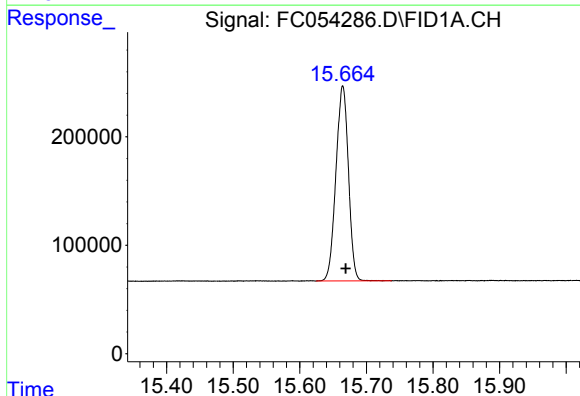
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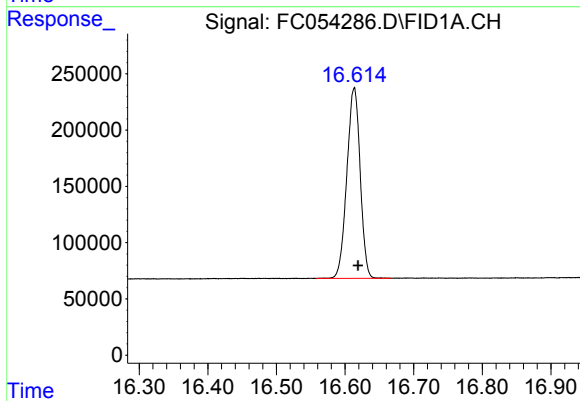
#14 n-Tetracosane (C24)

R.T.: 14.645 min
Delta R.T.: -0.005 min
Response: 2455171
Conc: 17.83 ug/ml



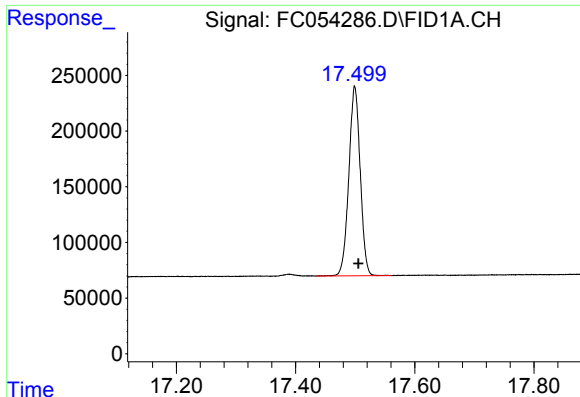
#15 n-Hexacosane (C26)

R.T.: 15.664 min
Delta R.T.: -0.005 min
Response: 2344018
Conc: 17.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.613 min
Delta R.T.: -0.006 min
Response: 2283993
Conc: 17.24 ug/ml



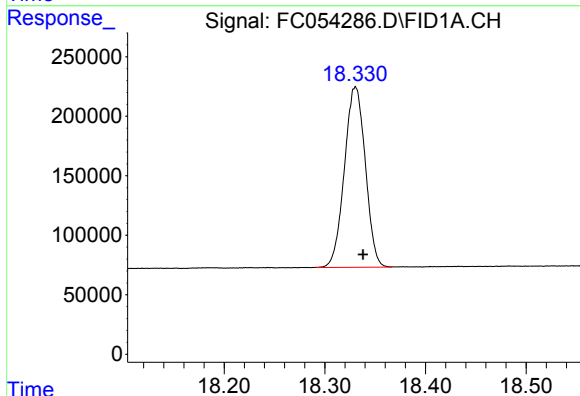
#17 n-Tricontane (C30)

R.T.: 17.499 min
Delta R.T.: -0.006 min
Response: 2256573
Conc: 17.56 ug/ml

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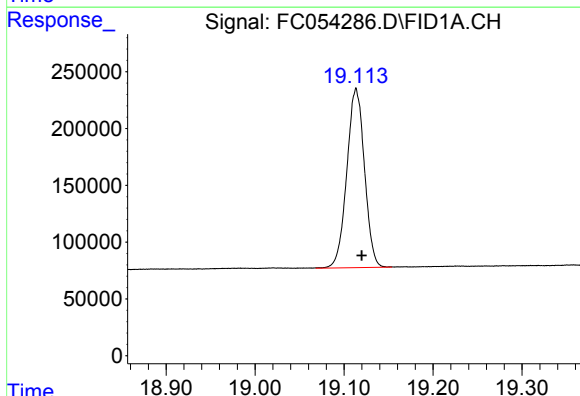
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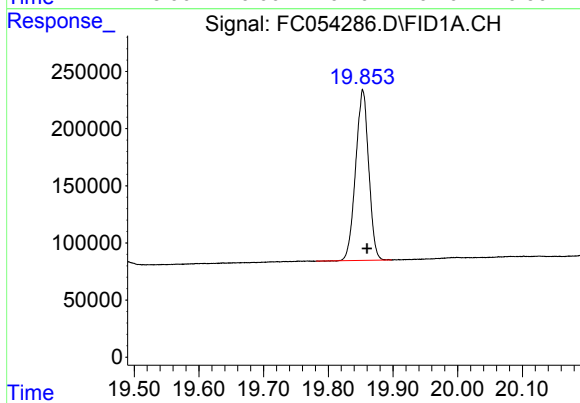
#18 n-Dotriacontane (C32)

R.T.: 18.330 min
Delta R.T.: -0.008 min
Response: 2191756
Conc: 17.81 ug/ml m



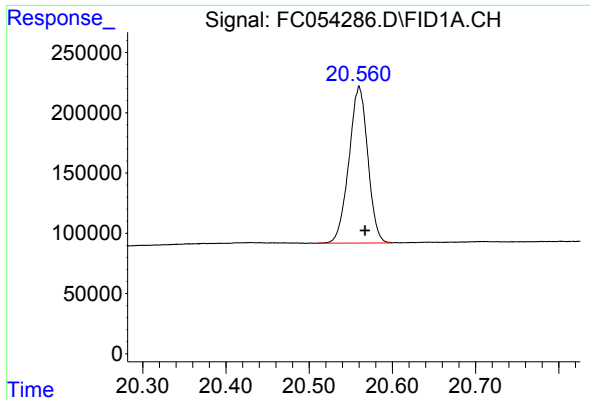
#19 n-Tetratriacontane (C34)

R.T.: 19.113 min
Delta R.T.: -0.007 min
Response: 2170791
Conc: 18.56 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.853 min
Delta R.T.: -0.007 min
Response: 2091200
Conc: 18.95 ug/ml



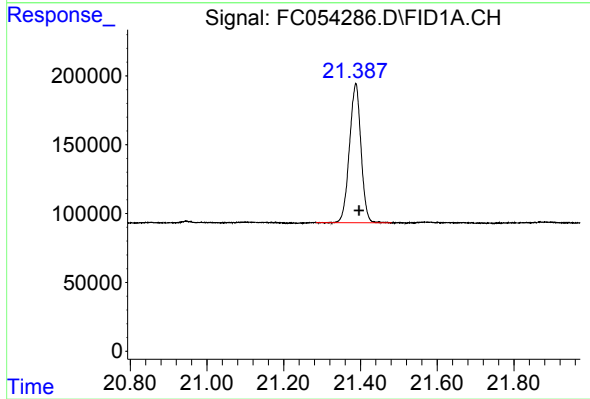
#21 n-Octatriacontane (C38)

R.T.: 20.560 min
Delta R.T.: -0.007 min
Response: 2043670
Conc: 19.99 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.388 min
Delta R.T.: -0.009 min
Response: 2109178
Conc: 19.71 ug/ml