

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062321AL\
 Data File : FC054404.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jun 2021 00:40
 Operator : DD\AJ
 Sample : M2815-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SH-1MSD

Manual Integrations
 APPROVED

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 6/24/2021 12:59:47 PM

Integration File: autoint1.e
 Quant Time: Jun 24 02:20:06 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)	11.343	5219108	34.368 ug/mlm
Spiked Amount 50.000		Recovery =	68.74%
12) S 1-chlorooctadecane (S...	12.785	4153817	35.262 ug/ml
Spiked Amount 50.000		Recovery =	70.52%
Target Compounds			
1) T n-Nonane (C9)	3.152	4002345	31.101 ug/ml
2) T n-Decane (C10)	4.209	4647779	36.258 ug/ml
3) T A~Naphthalene (C11.7)	5.775	5627668	38.961 ug/ml
4) T n-Dodecane (C12)	6.216	5255484	40.078 ug/ml
5) T A~2-methylnaphthalene...	6.829	5560795	38.517 ug/ml
6) T n-Tetradecane (C14)	8.008	5513209	41.583 ug/ml
7) T n-Hexadecane (C16)	9.601	5588061	41.311 ug/ml
8) T n-Octadecane (C18)	11.039	5679729	40.694 ug/mlm
10) T n-Eicosane (C20)	12.344	5438218	39.167 ug/ml
11) T n-Heneicosane (C21)	12.955	5316532	38.059 ug/ml
13) T n-Docosane (C22)	13.540	5221859	37.738 ug/ml
14) T n-Tetracosane (C24)	14.641	5019769	36.451 ug/mlm
15) T n-Hexacosane (C26)	15.662	4972323	36.916 ug/mlm
16) T n-Octacosane (C28)	16.608	5103815	38.518 ug/ml
17) T n-Tricontane (C30)	17.497	4962497	38.610 ug/ml
18) T n-Dotriacontane (C32)	18.327	4915176	39.948 ug/ml
19) T n-Tetratriacontane (C34)	19.110	4756146	40.656 ug/mlm
20) T n-Hexatriacontane (C36)	19.850	4450645	40.322 ug/ml
21) T n-Octatriacontane (C38)	20.557	4159157	40.686 ug/mlm
22) T n-Tetracontane (C40)	21.380	4208920	39.336 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M2815-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

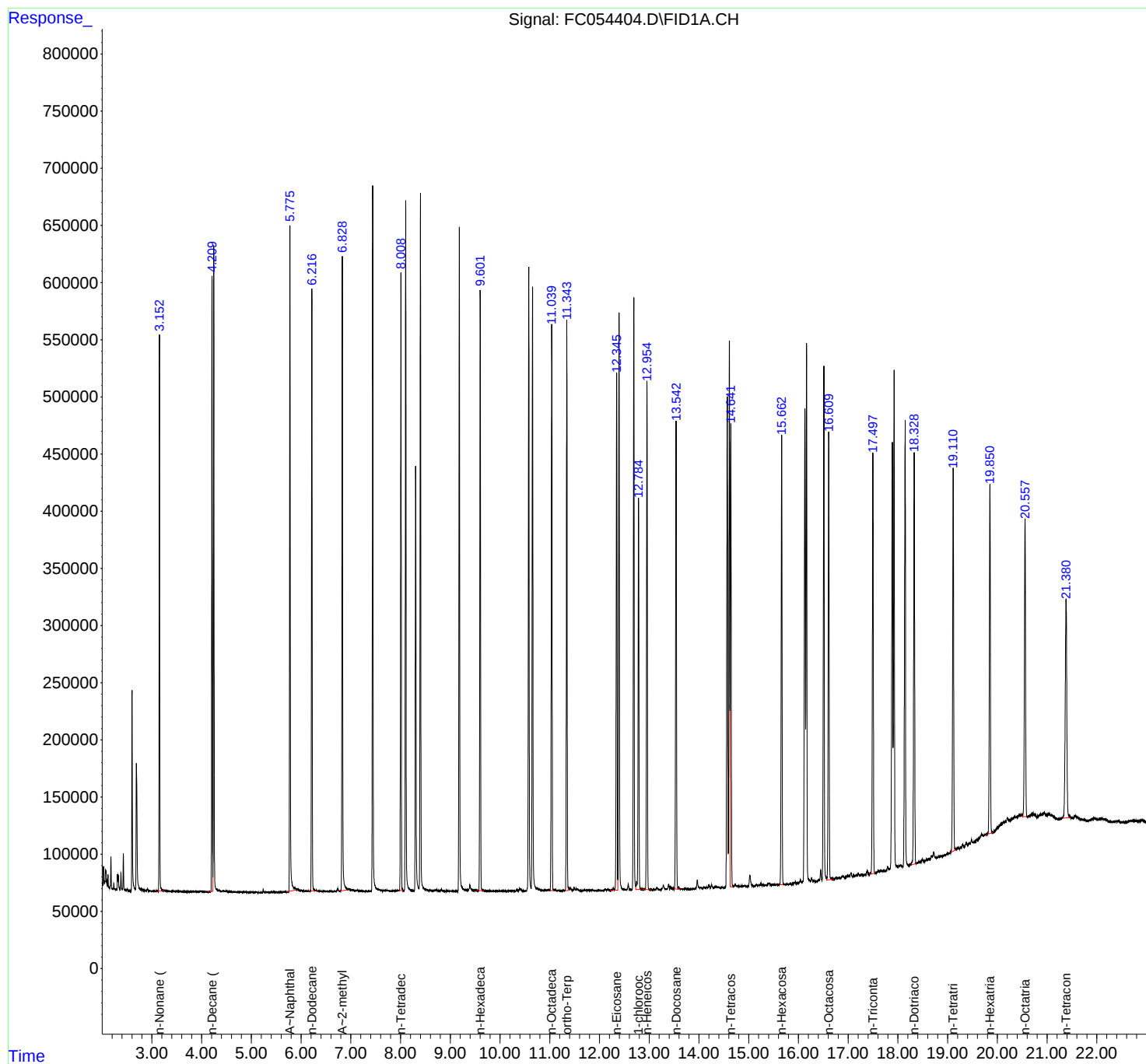
Instrument :
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SH-1MSD

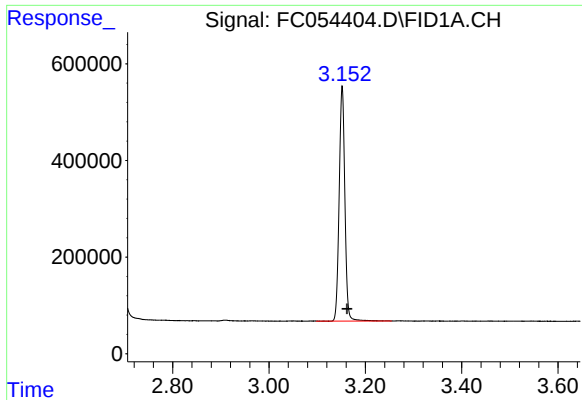
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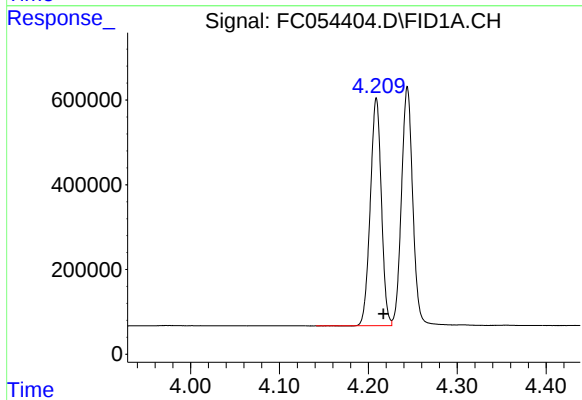
#1 n-Nonane (C9)

R.T.: 3.152 min
Delta R.T.: -0.010 min
Response: 4002345
Conc: 31.10 ug/ml

Instrument :
FID_C
ClientSampleId :
SH-1MSD

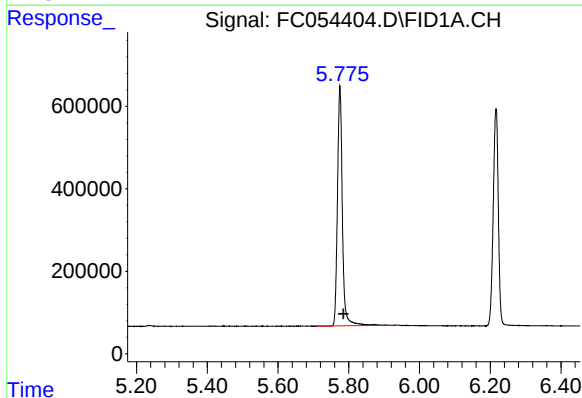
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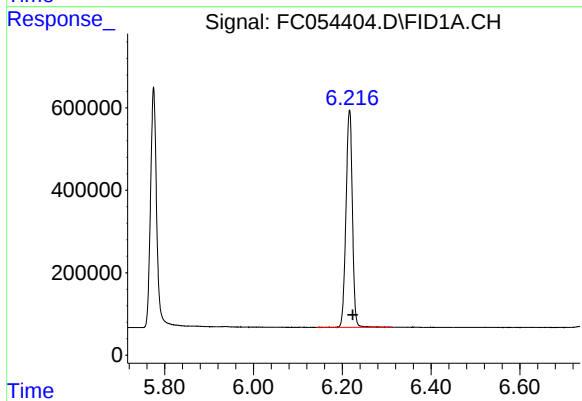
#2 n-Decane (C10)

R.T.: 4.209 min
Delta R.T.: -0.008 min
Response: 4647779
Conc: 36.26 ug/ml



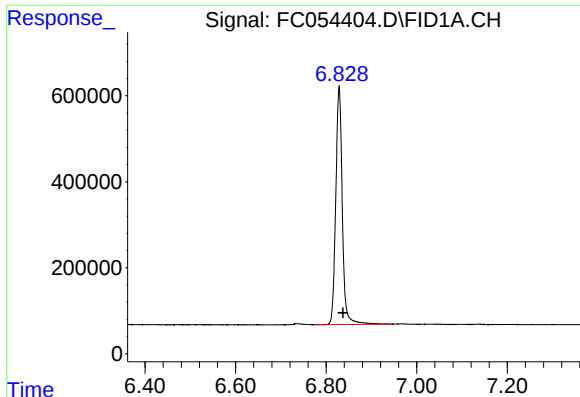
#3 A~Naphthalene (C11.7)

R.T.: 5.775 min
Delta R.T.: -0.010 min
Response: 5627668
Conc: 38.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.216 min
Delta R.T.: -0.008 min
Response: 5255484
Conc: 40.08 ug/ml



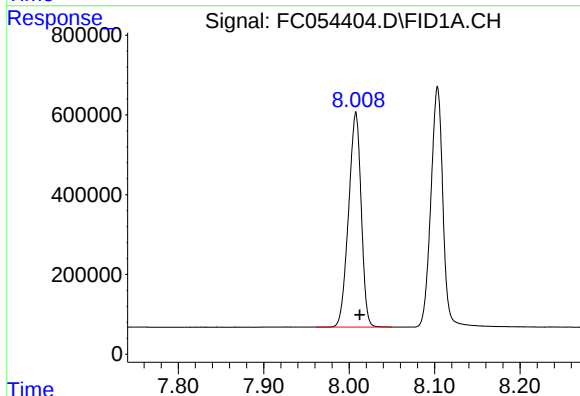
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.829 min
Delta R.T.: -0.009 min
Response: 5560795
Conc: 38.52 ug/ml

Instrument :
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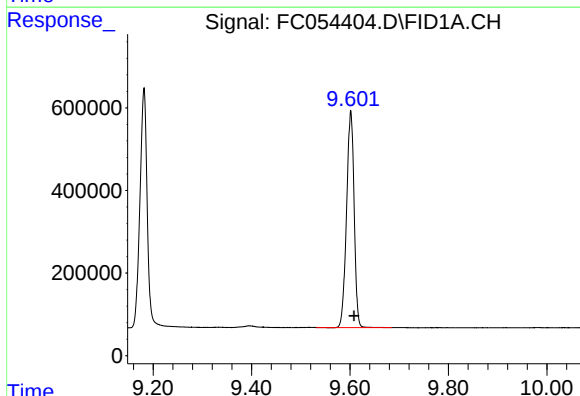
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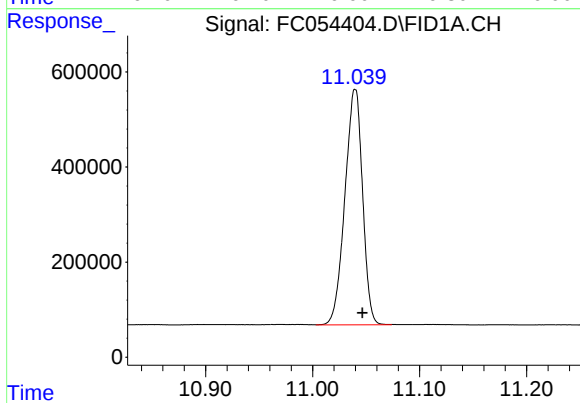
#6 n-Tetradecane (C14)

R.T.: 8.008 min
Delta R.T.: -0.005 min
Response: 5513209
Conc: 41.58 ug/ml



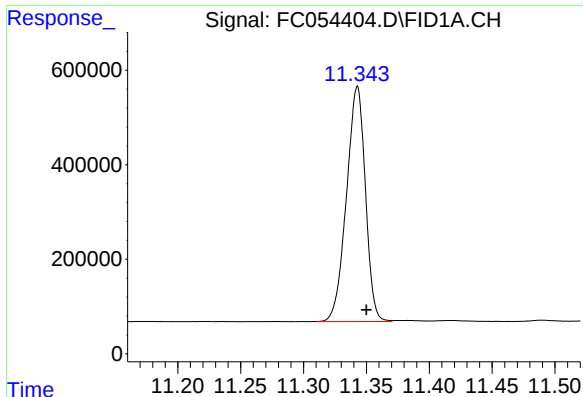
#7 n-Hexadecane (C16)

R.T.: 9.601 min
Delta R.T.: -0.007 min
Response: 5588061
Conc: 41.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.039 min
Delta R.T.: -0.008 min
Response: 5679729
Conc: 40.69 ug/ml m



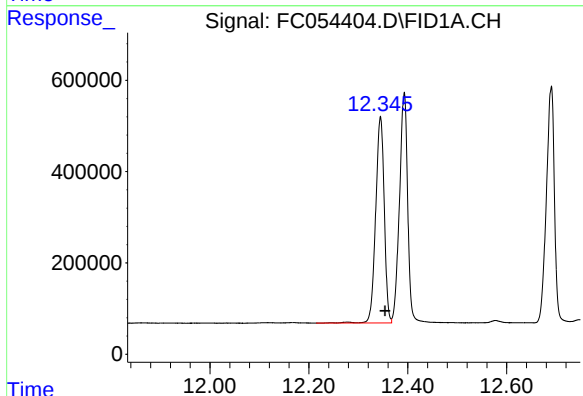
#9 ortho-Terphenyl (SURR)

R.T.: 11.343 min
Delta R.T.: -0.007 min
Response: 5219108
Conc: 34.37 ug/ml m

Instrument :
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SH-1MSD

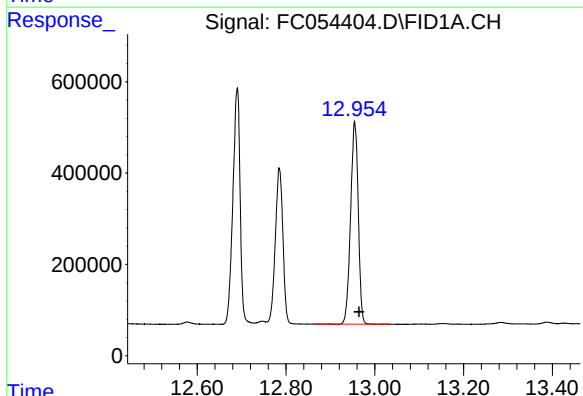
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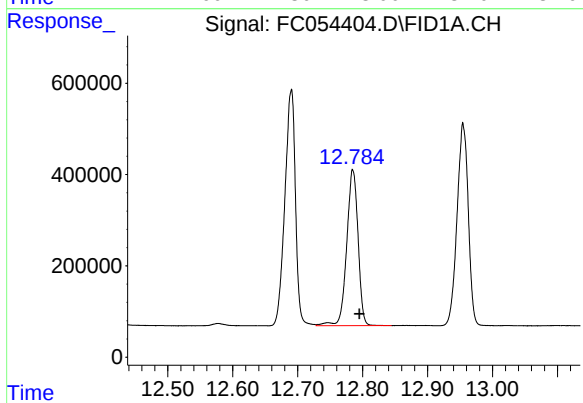
#10 n-Eicosane (C20)

R.T.: 12.344 min
Delta R.T.: -0.009 min
Response: 5438218
Conc: 39.17 ug/ml



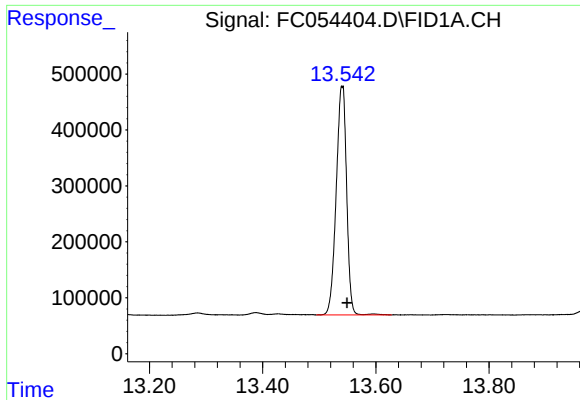
#11 n-Heneicosane (C21)

R.T.: 12.955 min
Delta R.T.: -0.010 min
Response: 5316532
Conc: 38.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.785 min
Delta R.T.: -0.010 min
Response: 4153817
Conc: 35.26 ug/ml



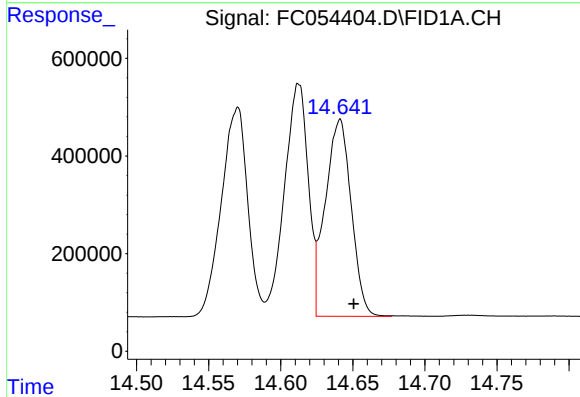
#13 n-Docosane (C22)

R.T.: 13.540 min
Delta R.T.: -0.009 min
Response: 5221859
Conc: 37.74 ug/ml

Instrument :
FID_C
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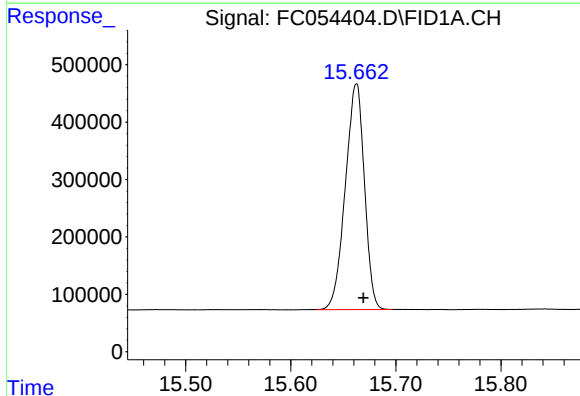
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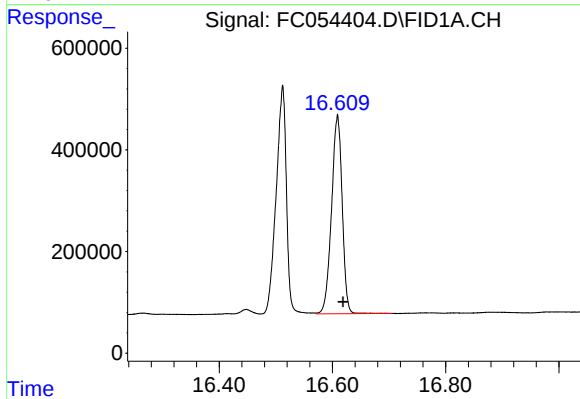
#14 n-Tetracosane (C24)

R.T.: 14.641 min
Delta R.T.: -0.010 min
Response: 5019769
Conc: 36.45 ug/ml m



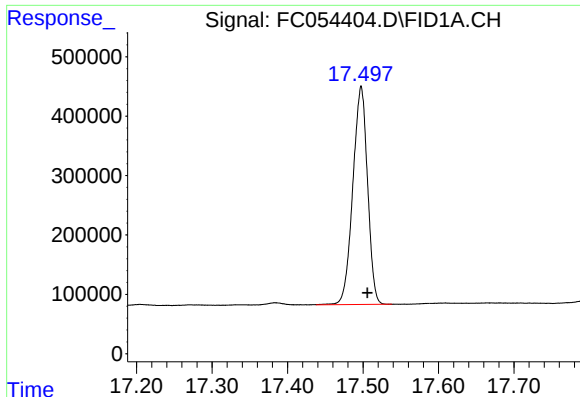
#15 n-Hexacosane (C26)

R.T.: 15.662 min
Delta R.T.: -0.007 min
Response: 4972323
Conc: 36.92 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.608 min
Delta R.T.: -0.011 min
Response: 5103815
Conc: 38.52 ug/ml



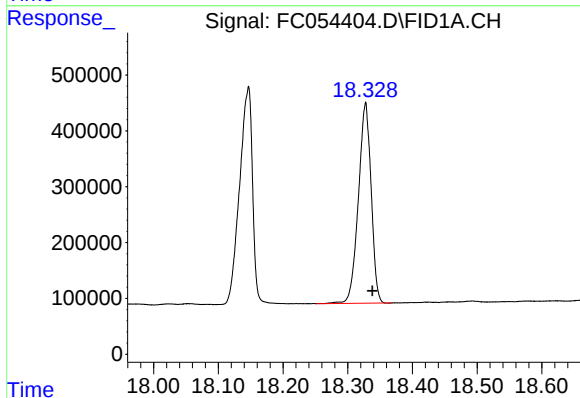
#17 n-Tricontane (C30)

R.T.: 17.497 min
Delta R.T.: -0.009 min
Response: 4962497
Conc: 38.61 ug/ml

Instrument :
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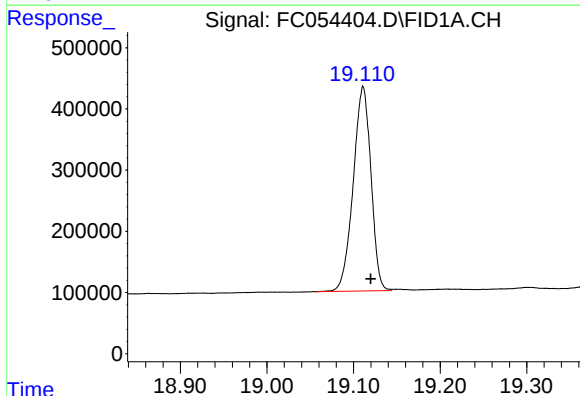
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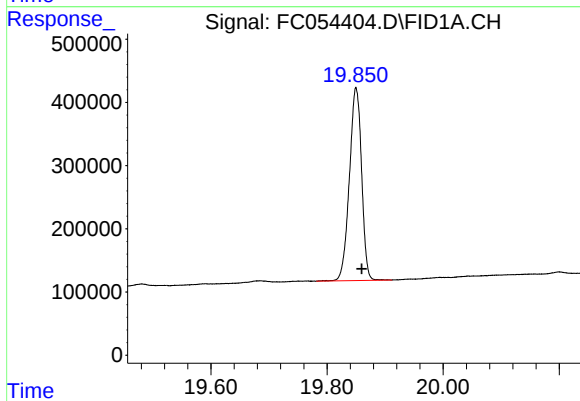
#18 n-Dotriacontane (C32)

R.T.: 18.327 min
Delta R.T.: -0.011 min
Response: 4915176
Conc: 39.95 ug/ml



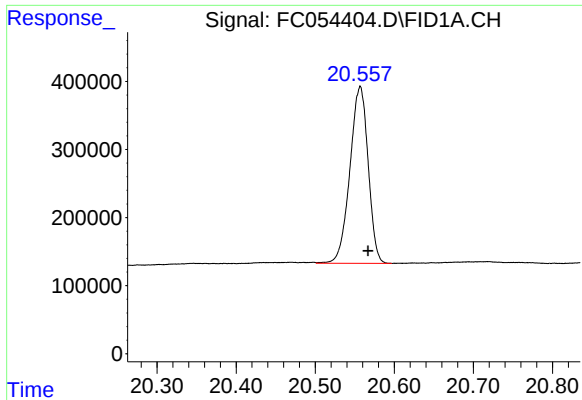
#19 n-Tetratriacontane (C34)

R.T.: 19.110 min
Delta R.T.: -0.009 min
Response: 4756146
Conc: 40.66 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.850 min
Delta R.T.: -0.010 min
Response: 4450645
Conc: 40.32 ug/ml



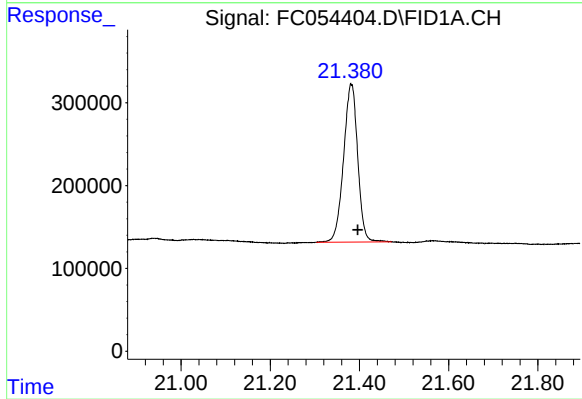
#21 n-Octatriacontane (C38)

R.T.: 20.557 min
Delta R.T.: -0.011 min
Response: 4159157
Conc: 40.69 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.380 min
Delta R.T.: -0.016 min
Response: 4208920
Conc: 39.34 ug/ml m