

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030321AL\
 Data File : FC052202.D
 Signal(s) : FID1A.CH
 Acq On : 04 Mar 2021 5:51
 Operator : DD\AJ
 Sample : M1542-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SU-03-030221-EPH-2MS

Manual Integrations
 APPROVED

Ankita
 3/8/2021 8:42:57 AM

Integration File: autoint1.e
 Quant Time: Mar 04 08:16:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.626	6442889	48.856 ug/ml
Spiked Amount 50.000		Recovery =	97.71%
12) S 1-chlorooctadecane (S...	13.068	35145072	337.934 ug/ml
Spiked Amount 50.000		Recovery =	675.87%
Target Compounds			
1) T n-Nonane (C9)	3.357	2982403	25.301 ug/ml
2) T n-Decane (C10)	4.429	3535363	29.768 ug/ml
3) T A~Naphthalene (C11.7)	6.020	4659839	35.095 ug/ml
4) T n-Dodecane (C12)	6.454	4821236	39.882 ug/ml
5) T A~2-methylnaphthalene...	7.083	5387927	39.695 ug/ml
6) T n-Tetradecane (C14)	8.257	6054642	49.938 ug/ml
7) T n-Hexadecane (C16)	9.861	6104844	51.023 ug/ml
8) T n-Octadecane (C18)	11.306	5760647	46.537 ug/ml
10) T n-Eicosane (C20)	12.617	5464871	44.351 ug/ml
11) T n-Heneicosane (C21)	13.233	5701296	46.704 ug/ml
13) T n-Docosane (C22)	13.817	4992337	41.491 ug/ml
14) T n-Tetracosane (C24)	14.913	9061692	77.726 ug/ml
15) T n-Hexacosane (C26)	15.946	4291170	39.063 ug/ml
16) T n-Octacosane (C28)	16.895	4213855	41.111 ug/ml
17) T n-Tricontane (C30)	17.785	3785544	40.212 ug/ml
18) T n-Dotriacontane (C32)	18.617	3535284	41.405 ug/ml
19) T n-Tetratriacontane (C34)	19.402	3283619	42.354 ug/ml
20) T n-Hexatriacontane (C36)	20.143	2803671	39.017 ug/ml
21) T n-Octatriacontane (C38)	20.891	2540621	37.089 ug/ml
22) T n-Tetracontane (C40)	21.819	2842059	39.522 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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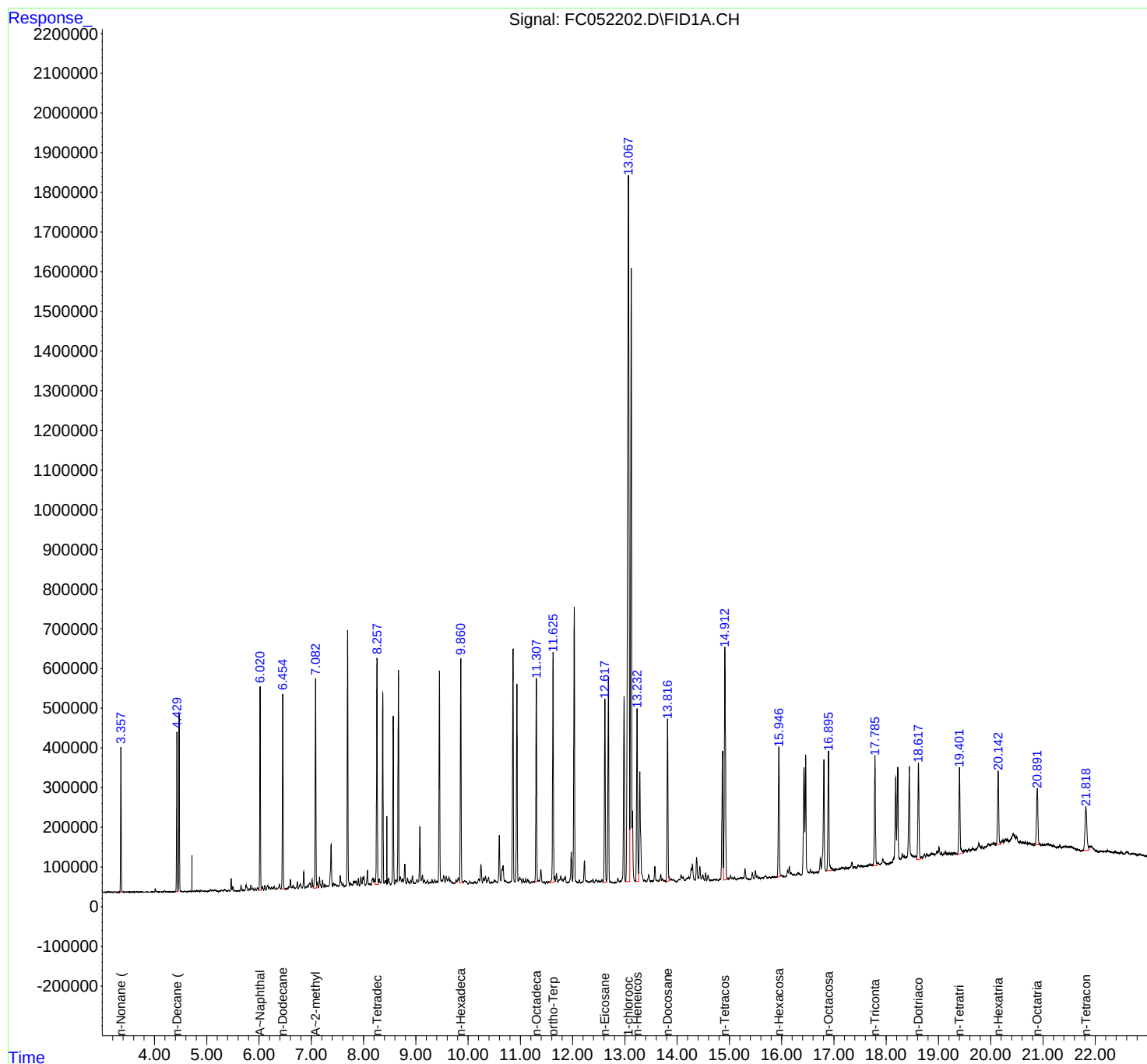
Instrument :
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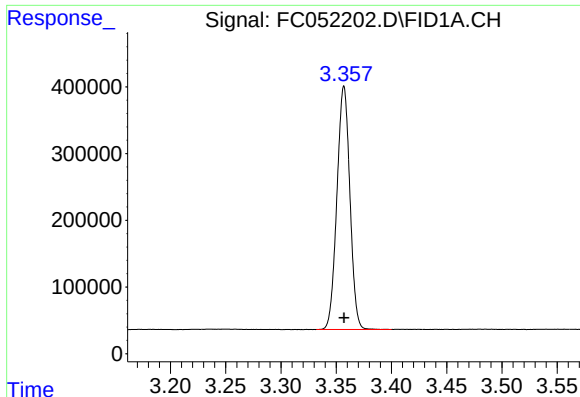
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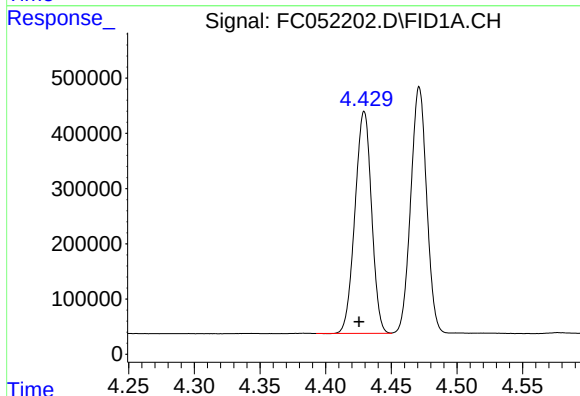
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: 0.000 min
Response: 2982403
Conc: 25.30 ug/ml

Instrument :
FID_C
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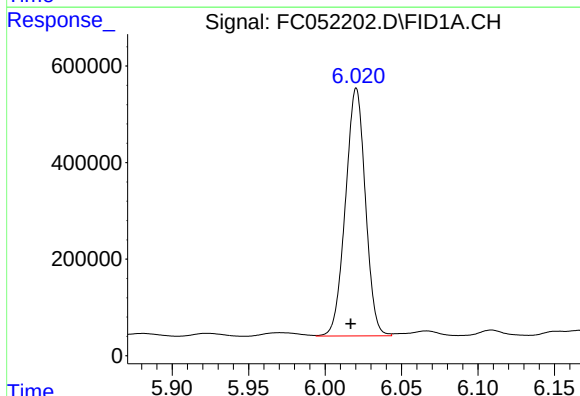
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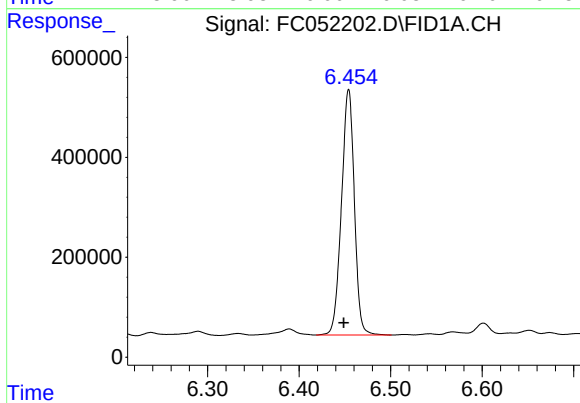
#2 n-Decane (C10)

R.T.: 4.429 min
Delta R.T.: 0.004 min
Response: 3535363
Conc: 29.77 ug/ml



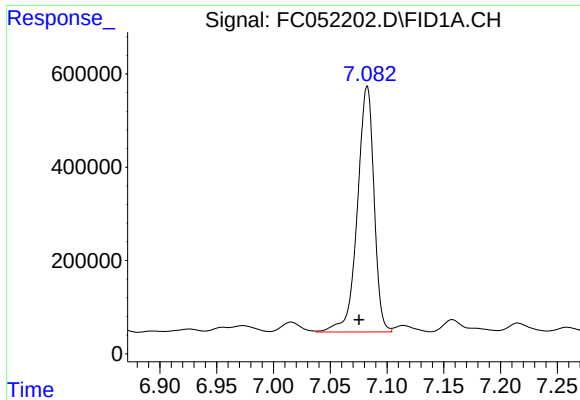
#3 A~Naphthalene (C11.7)

R.T.: 6.020 min
Delta R.T.: 0.004 min
Response: 4659839
Conc: 35.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.454 min
Delta R.T.: 0.005 min
Response: 4821236
Conc: 39.88 ug/ml



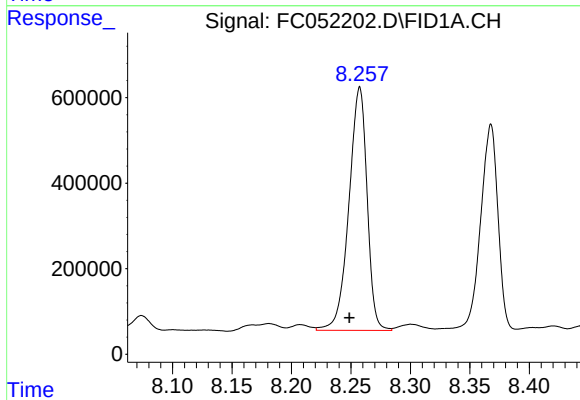
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.083 min
Delta R.T.: 0.007 min
Response: 5387927
Conc: 39.69 ug/ml

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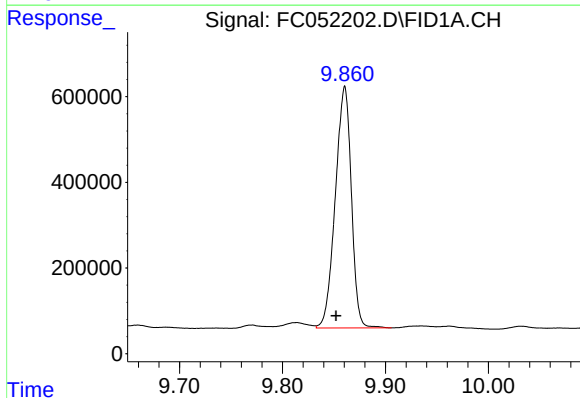
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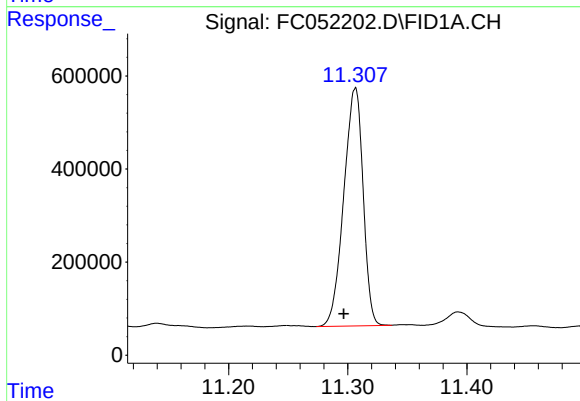
#6 n-Tetradecane (C14)

R.T.: 8.257 min
Delta R.T.: 0.008 min
Response: 6054642
Conc: 49.94 ug/ml



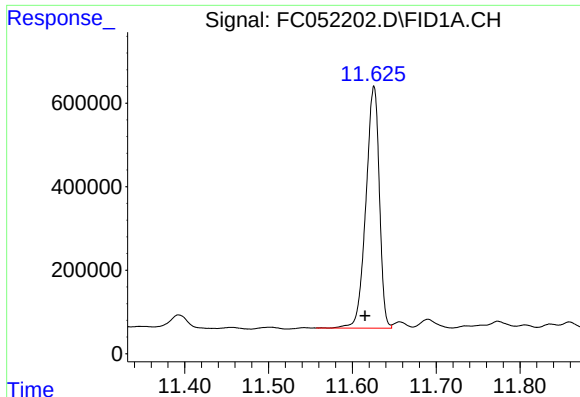
#7 n-Hexadecane (C16)

R.T.: 9.861 min
Delta R.T.: 0.008 min
Response: 6104844
Conc: 51.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.306 min
Delta R.T.: 0.010 min
Response: 5760647
Conc: 46.54 ug/ml



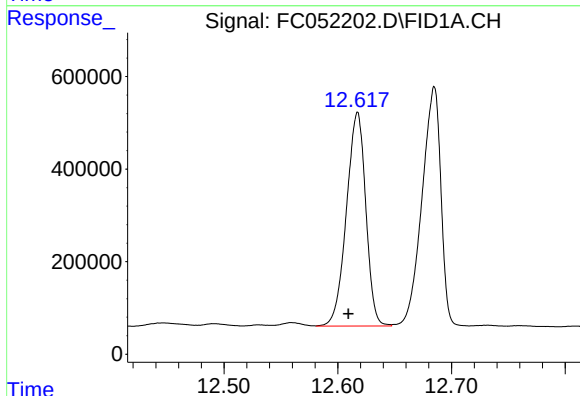
#9 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: 0.011 min
Response: 6442889
Conc: 48.86 ug/ml

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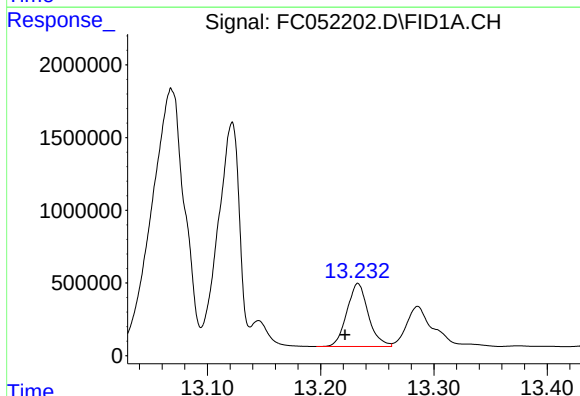
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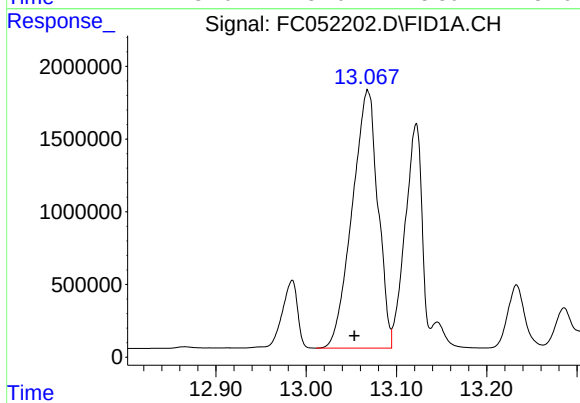
#10 n-Eicosane (C20)

R.T.: 12.617 min
Delta R.T.: 0.008 min
Response: 5464871
Conc: 44.35 ug/ml



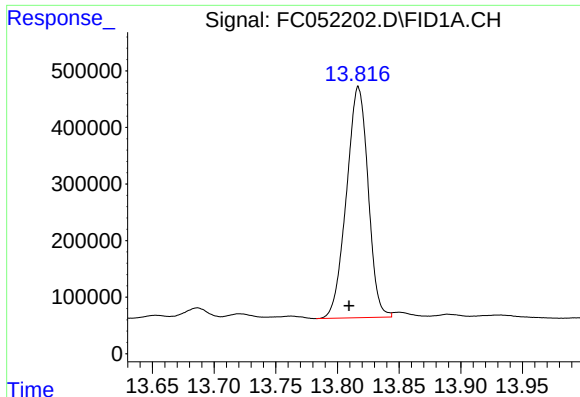
#11 n-Heneicosane (C21)

R.T.: 13.233 min
Delta R.T.: 0.011 min
Response: 5701296
Conc: 46.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.068 min
Delta R.T.: 0.015 min
Response: 35145072
Conc: 337.93 ug/ml



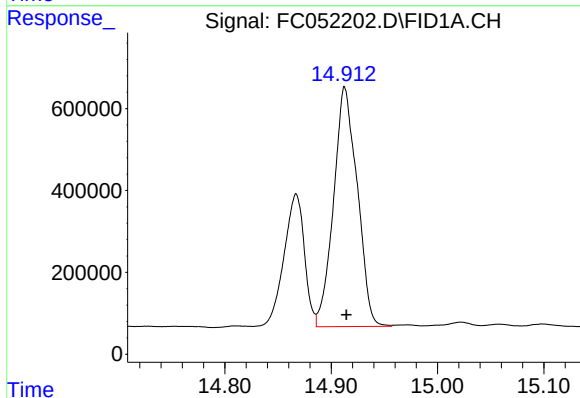
#13 n-Docosane (C22)

R.T.: 13.817 min
Delta R.T.: 0.008 min
Response: 4992337
Conc: 41.49 ug/ml

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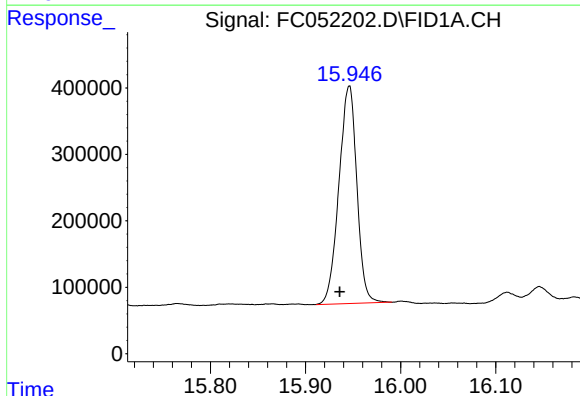
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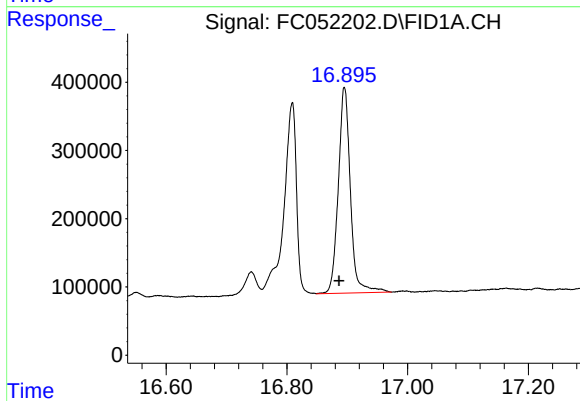
#14 n-Tetracosane (C24)

R.T.: 14.913 min
Delta R.T.: -0.001 min
Response: 9061692
Conc: 77.73 ug/ml



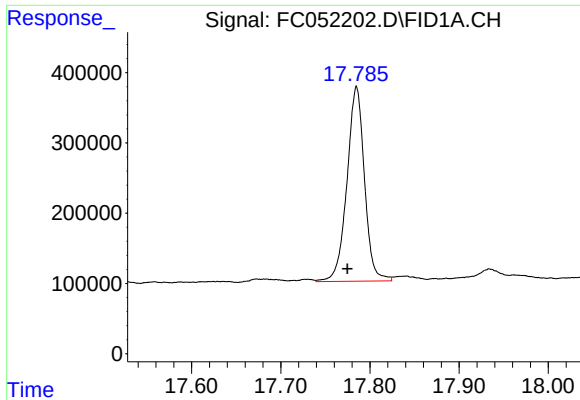
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: 0.011 min
Response: 4291170
Conc: 39.06 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.895 min
Delta R.T.: 0.009 min
Response: 4213855
Conc: 41.11 ug/ml



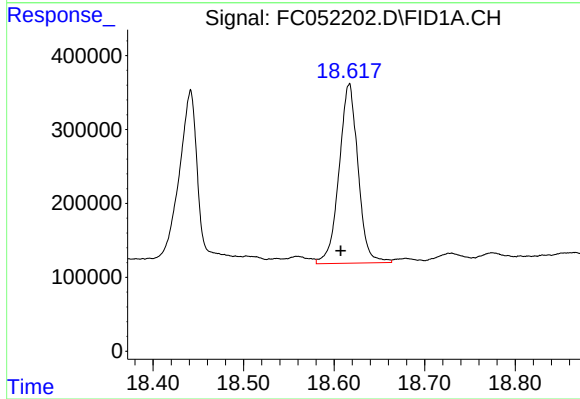
#17 n-Tricontane (C30)

R.T.: 17.785 min
Delta R.T.: 0.010 min
Response: 3785544
Conc: 40.21 ug/ml

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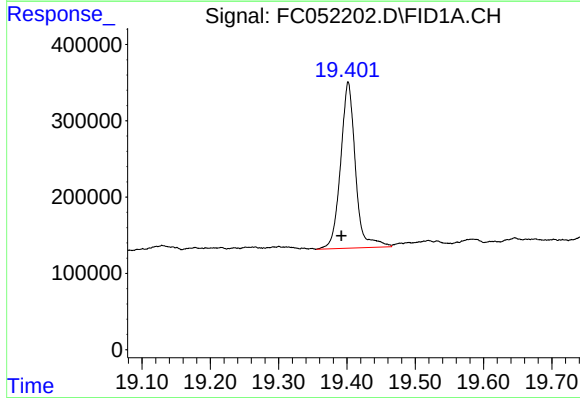
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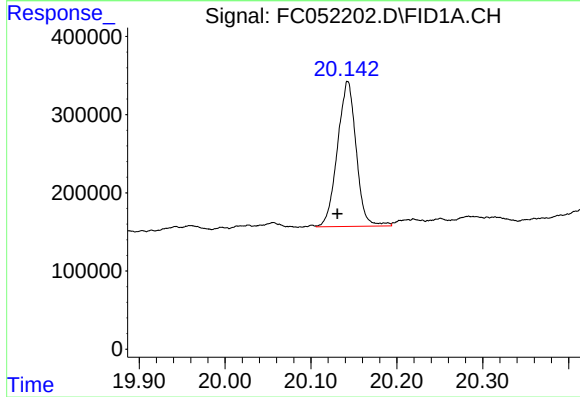
#18 n-Dotriacontane (C32)

R.T.: 18.617 min
Delta R.T.: 0.009 min
Response: 3535284
Conc: 41.41 ug/ml



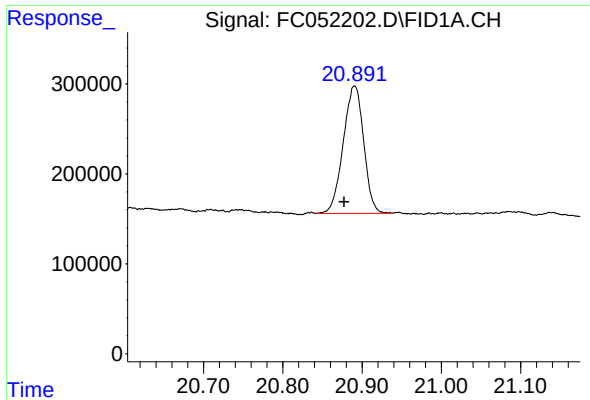
#19 n-Tetratriacontane (C34)

R.T.: 19.402 min
Delta R.T.: 0.010 min
Response: 3283619
Conc: 42.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: 0.012 min
Response: 2803671
Conc: 39.02 ug/ml



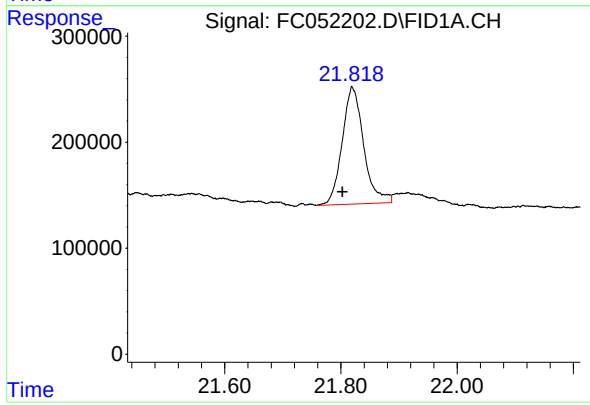
#21 n-Octatriacontane (C38)

R.T.: 20.891 min
Delta R.T.: 0.013 min
Response: 2540621
Conc: 37.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.819 min
Delta R.T.: 0.017 min
Response: 2842059
Conc: 39.52 ug/ml