

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070721AL\
 Data File : FC054591.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jul 2021 12:03
 Operator : DD\AJ
 Sample : PB137547BSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB137547BSD

Manual Integrations
 APPROVED

mohammad
 7/9/2021 11:41:10 AM

Integration File: sample.E
 Quant Time: Jul 08 22:03:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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)	11.328	5876912	41.512 ug/ml
Spiked Amount 50.000		Recovery =	83.02%
12) S 1-chlorooctadecane (S...	12.771	4822676	43.262 ug/ml
Spiked Amount 50.000		Recovery =	86.52%
Target Compounds			
1) T n-Nonane (C9)	3.156	5908201	50.242 ug/ml
2) T n-Decane (C10)	4.205	6540893	55.085 ug/ml
3) T A~Naphthalene (C11.7)	5.765	7870194	59.862 ug/ml
4) T n-Dodecane (C12)	6.206	7068440	58.975 ug/ml
5) T A~2-methylnaphthalene...	6.817	7705573	58.366 ug/ml
6) T n-Tetradecane (C14)	7.995	7325787	60.127 ug/ml
7) T n-Hexadecane (C16)	9.588	7528771	60.442 ug/ml
8) T n-Octadecane (C18)	11.027	7903239	61.190 ug/ml
10) T n-Eicosane (C20)	12.333	7751284	59.570 ug/ml
11) T n-Heneicosane (C21)	12.943	7789902	58.673 ug/ml
13) T n-Docosane (C22)	13.528	7756278	58.546 ug/ml
14) T n-Tetracosane (C24)	14.629	6983932	51.591 ug/mlm
15) T n-Hexacosane (C26)	15.651	7535018	55.606 ug/ml
16) T n-Octacosane (C28)	16.598	7511295	54.725 ug/ml
17) T n-Tricontane (C30)	17.487	7061037	50.980 ug/ml
18) T n-Dotriacontane (C32)	18.315	6740797	49.271 ug/ml
19) T n-Tetratriacontane (C34)	19.097	6518794	48.246 ug/ml
20) T n-Hexatriacontane (C36)	19.837	6070055	49.174 ug/ml
21) T n-Octatriacontane (C38)	20.542	5871291	51.905 ug/ml
22) T n-Tetracontane (C40)	21.364	6096347	53.937 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 36 Sample Multiplier: 1

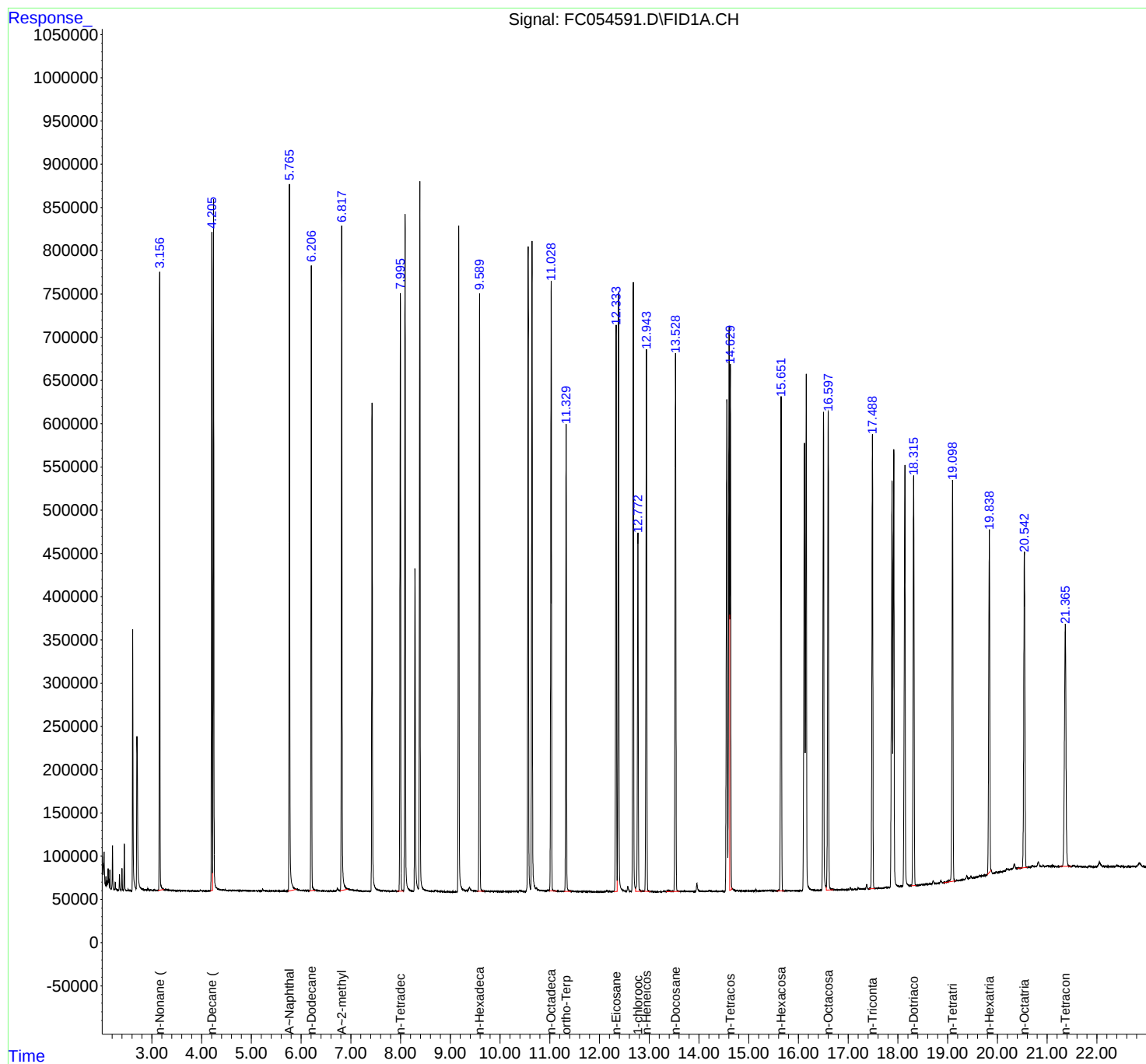
Instrument :
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PB137547BSD

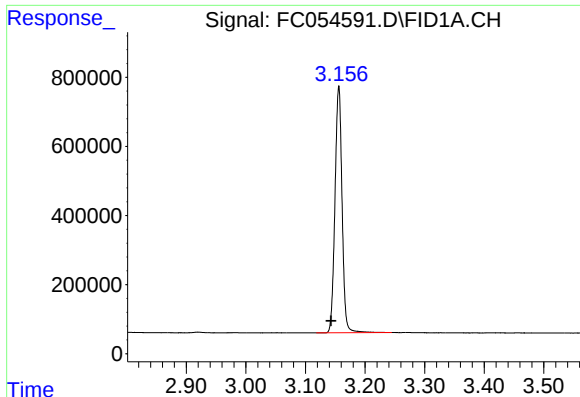
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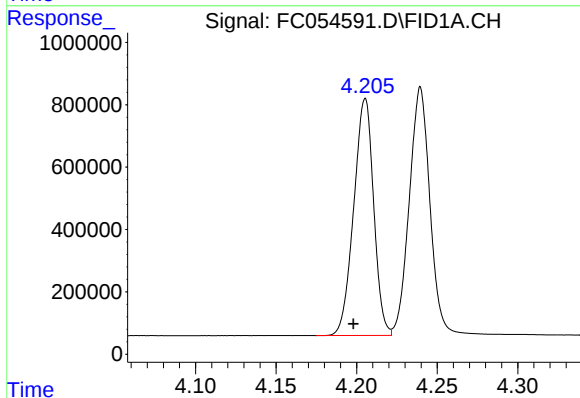
#1 n-Nonane (C9)

R.T.: 3.156 min
Delta R.T.: 0.013 min
Response: 5908201
Conc: 50.24 ug/ml

Instrument :
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ClientSampleId :
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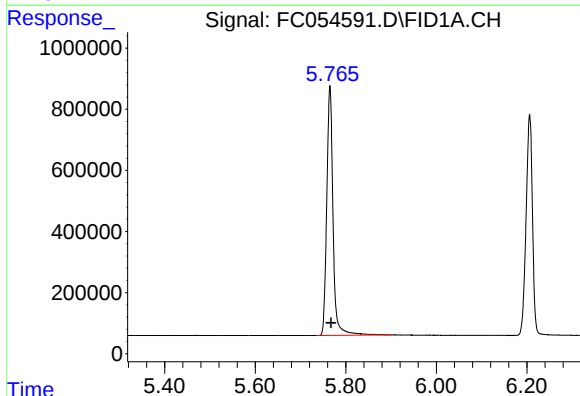
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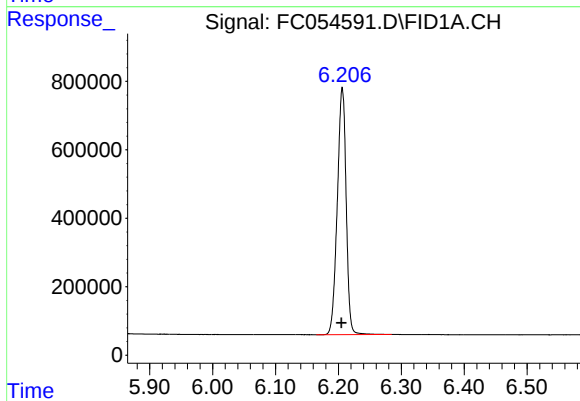
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: 0.007 min
Response: 6540893
Conc: 55.09 ug/ml



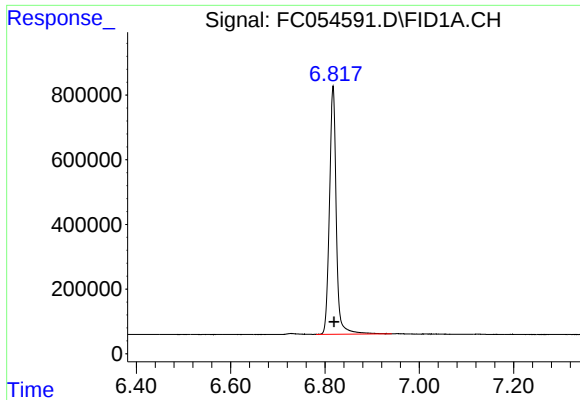
#3 A~Naphthalene (C11.7)

R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 7870194
Conc: 59.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.206 min
Delta R.T.: 0.002 min
Response: 7068440
Conc: 58.98 ug/ml



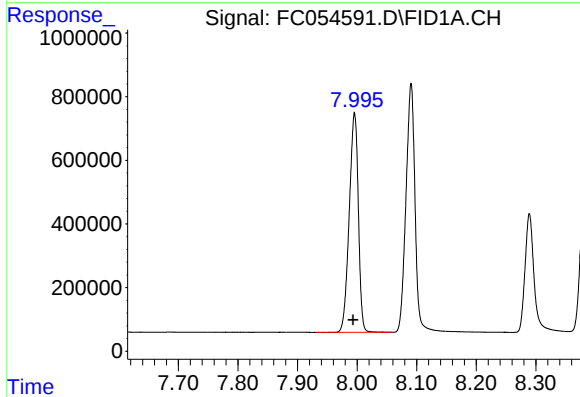
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.817 min
Delta R.T.: -0.002 min
Response: 7705573
Conc: 58.37 ug/ml

Instrument :
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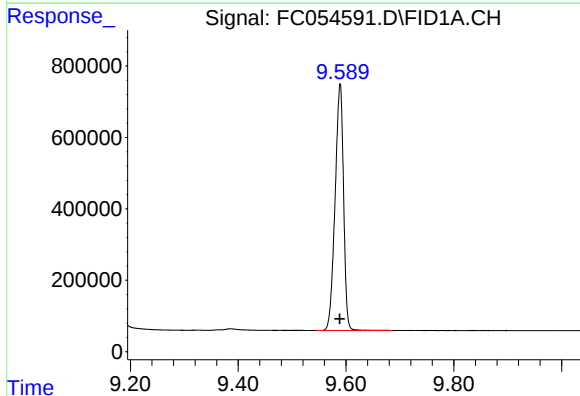
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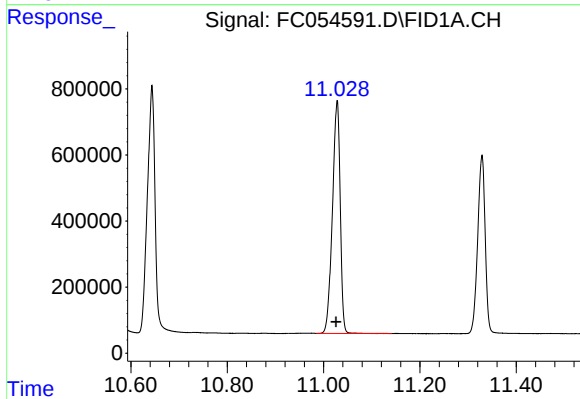
#6 n-Tetradecane (C14)

R.T.: 7.995 min
Delta R.T.: 0.002 min
Response: 7325787
Conc: 60.13 ug/ml



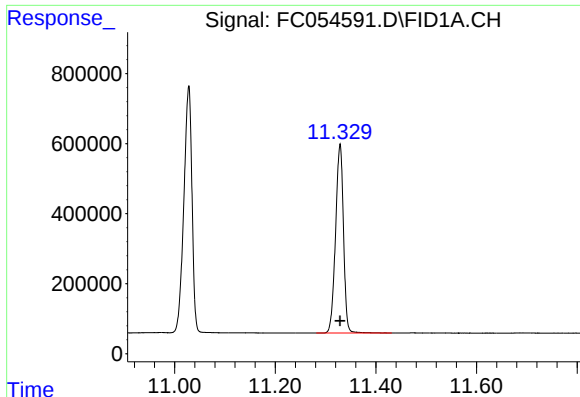
#7 n-Hexadecane (C16)

R.T.: 9.588 min
Delta R.T.: 0.000 min
Response: 7528771
Conc: 60.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.027 min
Delta R.T.: 0.001 min
Response: 7903239
Conc: 61.19 ug/ml



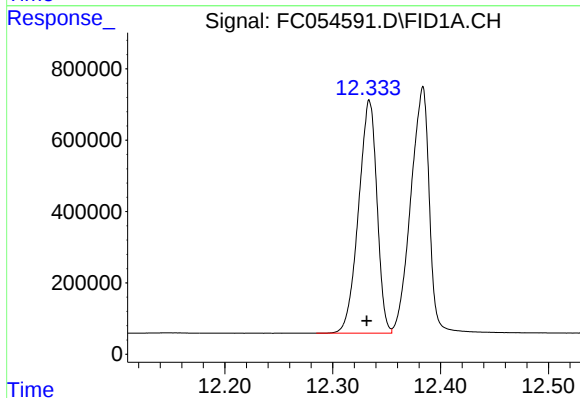
#9 ortho-Terphenyl (SURR)

R.T.: 11.328 min
Delta R.T.: 0.000 min
Response: 5876912
Conc: 41.51 ug/ml

Instrument :
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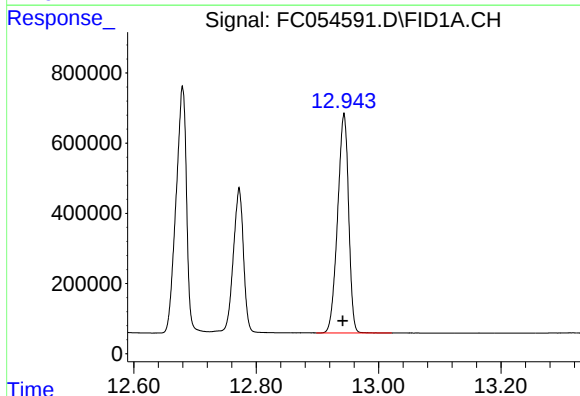
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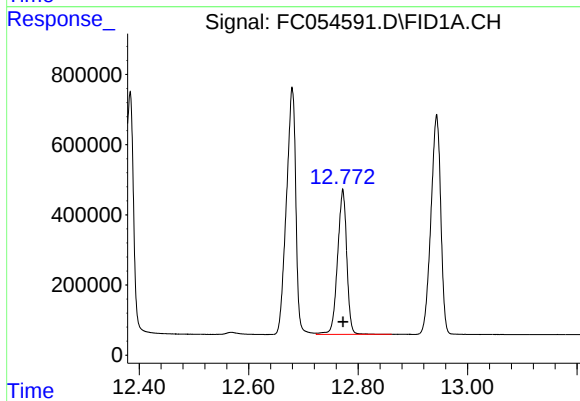
#10 n-Eicosane (C20)

R.T.: 12.333 min
Delta R.T.: 0.002 min
Response: 7751284
Conc: 59.57 ug/ml



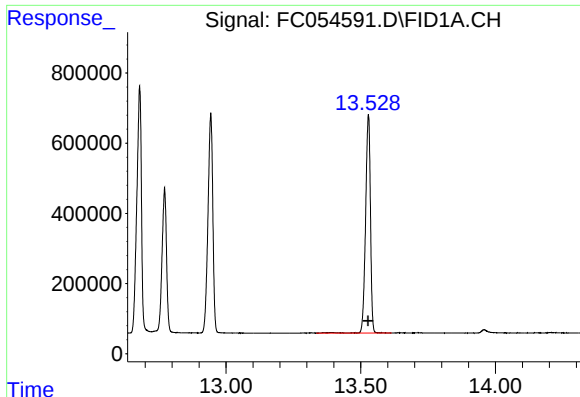
#11 n-Heneicosane (C21)

R.T.: 12.943 min
Delta R.T.: 0.001 min
Response: 7789902
Conc: 58.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.771 min
Delta R.T.: -0.001 min
Response: 4822676
Conc: 43.26 ug/ml



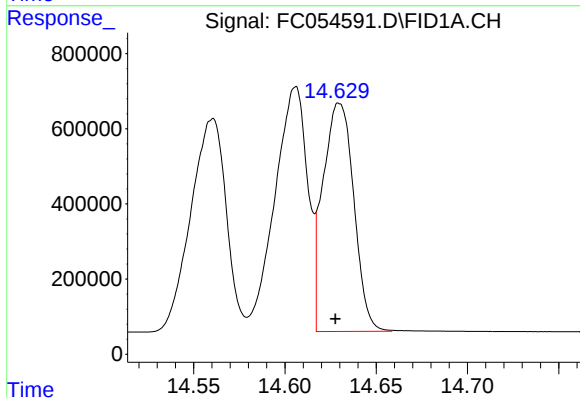
#13 n-Docosane (C22)

R.T.: 13.528 min
Delta R.T.: 0.000 min
Response: 7756278
Conc: 58.55 ug/ml

Instrument :
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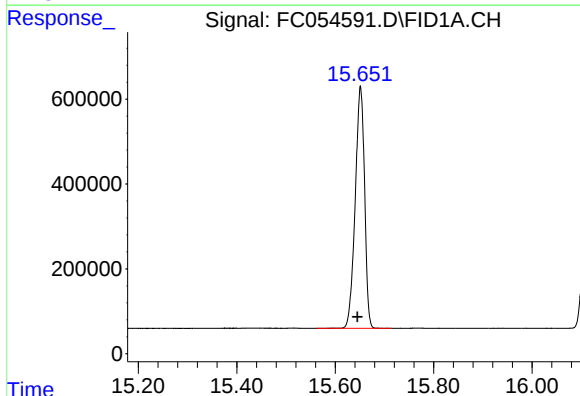
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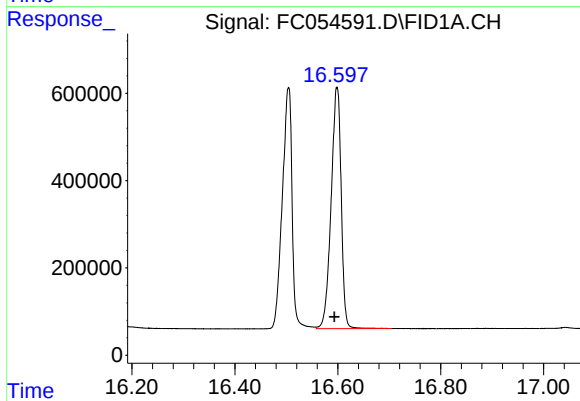
#14 n-Tetracosane (C24)

R.T.: 14.629 min
Delta R.T.: 0.000 min
Response: 6983932
Conc: 51.59 ug/ml m



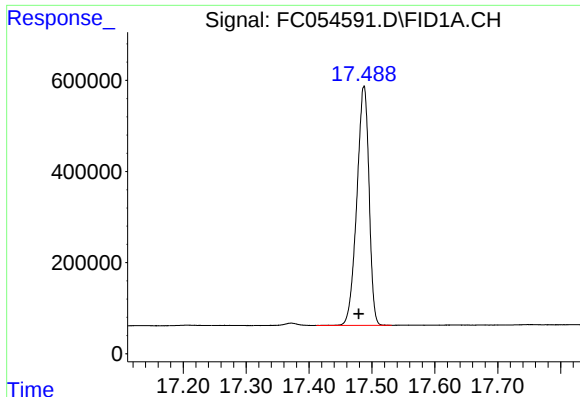
#15 n-Hexacosane (C26)

R.T.: 15.651 min
Delta R.T.: 0.006 min
Response: 7535018
Conc: 55.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.598 min
Delta R.T.: 0.004 min
Response: 7511295
Conc: 54.72 ug/ml



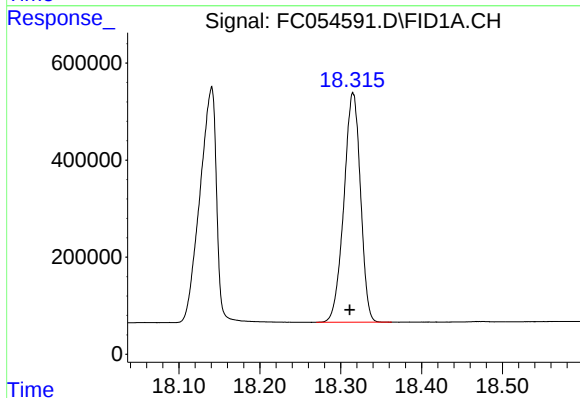
#17 n-Tricontane (C30)

R.T.: 17.487 min
Delta R.T.: 0.008 min
Response: 7061037
Conc: 50.98 ug/ml

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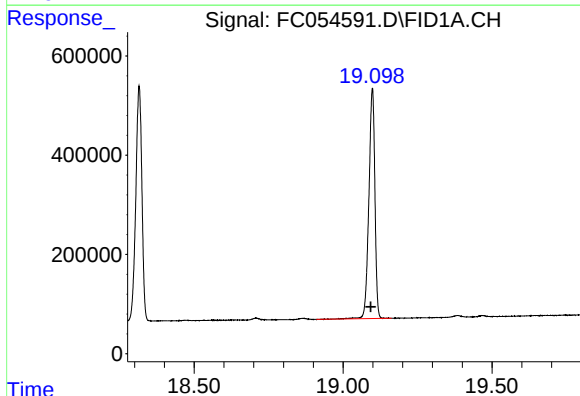
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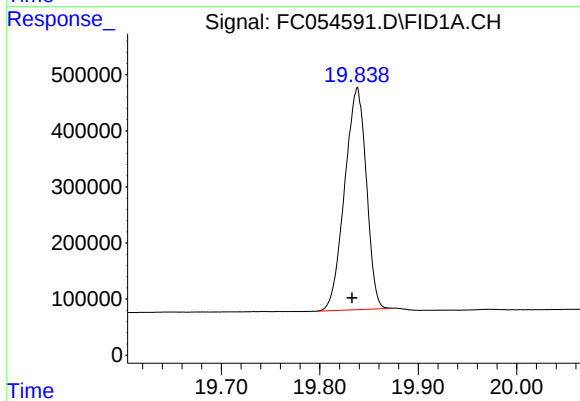
#18 n-Dotriacontane (C32)

R.T.: 18.315 min
Delta R.T.: 0.004 min
Response: 6740797
Conc: 49.27 ug/ml



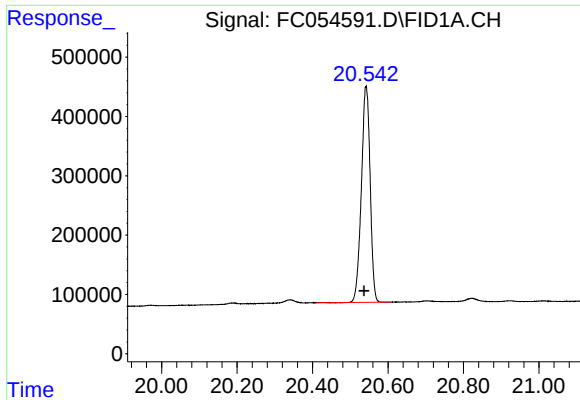
#19 n-Tetratriacontane (C34)

R.T.: 19.097 min
Delta R.T.: 0.004 min
Response: 6518794
Conc: 48.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.837 min
Delta R.T.: 0.004 min
Response: 6070055
Conc: 49.17 ug/ml



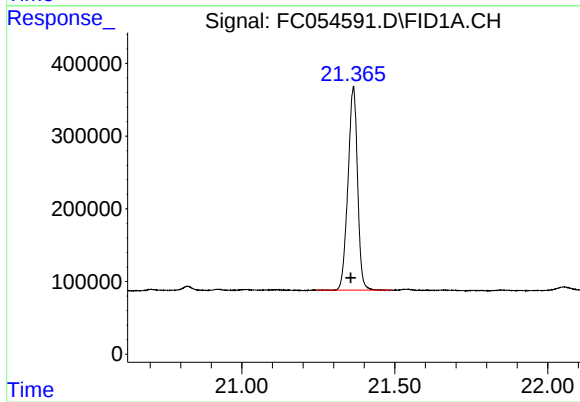
#21 n-Octatriacontane (C38)

R.T.: 20.542 min
Delta R.T.: 0.005 min
Response: 5871291
Conc: 51.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.364 min
Delta R.T.: 0.008 min
Response: 6096347
Conc: 53.94 ug/ml