

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031821AL\
 Data File : FC052541.D
 Signal(s) : FID1A.CH
 Acq On : 19 Mar 2021 10:41
 Operator : DD\AJ
 Sample : M1682-01MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SP-MANHOLEMSD

Manual Integrations
 APPROVED

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 3/19/2021 12:00:15 PM

Integration File: autoint1.e
 Quant Time: Mar 19 11:19:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.570	5787834	43.179 ug/ml
Spiked Amount 50.000		Recovery =	86.36%
12) S 1-chlorooctadecane (S...	13.006	4521749	41.923 ug/ml
Spiked Amount 50.000		Recovery =	83.85%
Target Compounds			
1) T n-Nonane (C9)	3.330	3867930	33.301 ug/ml
2) T n-Decane (C10)	4.396	4407466	37.611 ug/ml
3) T A~Naphthalene (C11.7)	5.979	5198813	39.708 ug/ml
4) T n-Dodecane (C12)	6.413	4852253	40.413 ug/ml
5) T A~2-methylnaphthalene...	7.036	5455672	40.757 ug/ml
6) T n-Tetradecane (C14)	8.212	5270064	43.574 ug/ml
7) T n-Hexadecane (C16)	9.811	5746399	47.779 ug/ml
8) T n-Octadecane (C18)	11.254	6037265	47.850 ug/ml
10) T n-Eicosane (C20)	12.563	5932863	46.462 ug/ml
11) T n-Heneicosane (C21)	13.174	5866869	46.157 ug/ml
13) T n-Docosane (C22)	13.760	5823104	45.967 ug/ml
14) T n-Tetracosane (C24)	14.849	7986213	63.930 ug/mlm
15) T n-Hexacosane (C26)	15.885	5265630	43.730 ug/ml
16) T n-Octacosane (C28)	16.832	5053927	43.835 ug/ml
17) T n-Tricontane (C30)	17.719	4705305	43.188 ug/ml
18) T n-Dotriacontane (C32)	18.549	4418698	44.038 ug/ml
19) T n-Tetratriacontane (C34)	19.332	4269941	46.453 ug/ml
20) T n-Hexatriacontane (C36)	20.071	4146645	45.474 ug/ml
21) T n-Octatriacontane (C38)	20.803	3955069	48.460 ug/ml
22) T n-Tetracontane (C40)	21.707	4076271	47.322 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M1682-01MSD
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ALS Vial : 30 Sample Multiplier: 1

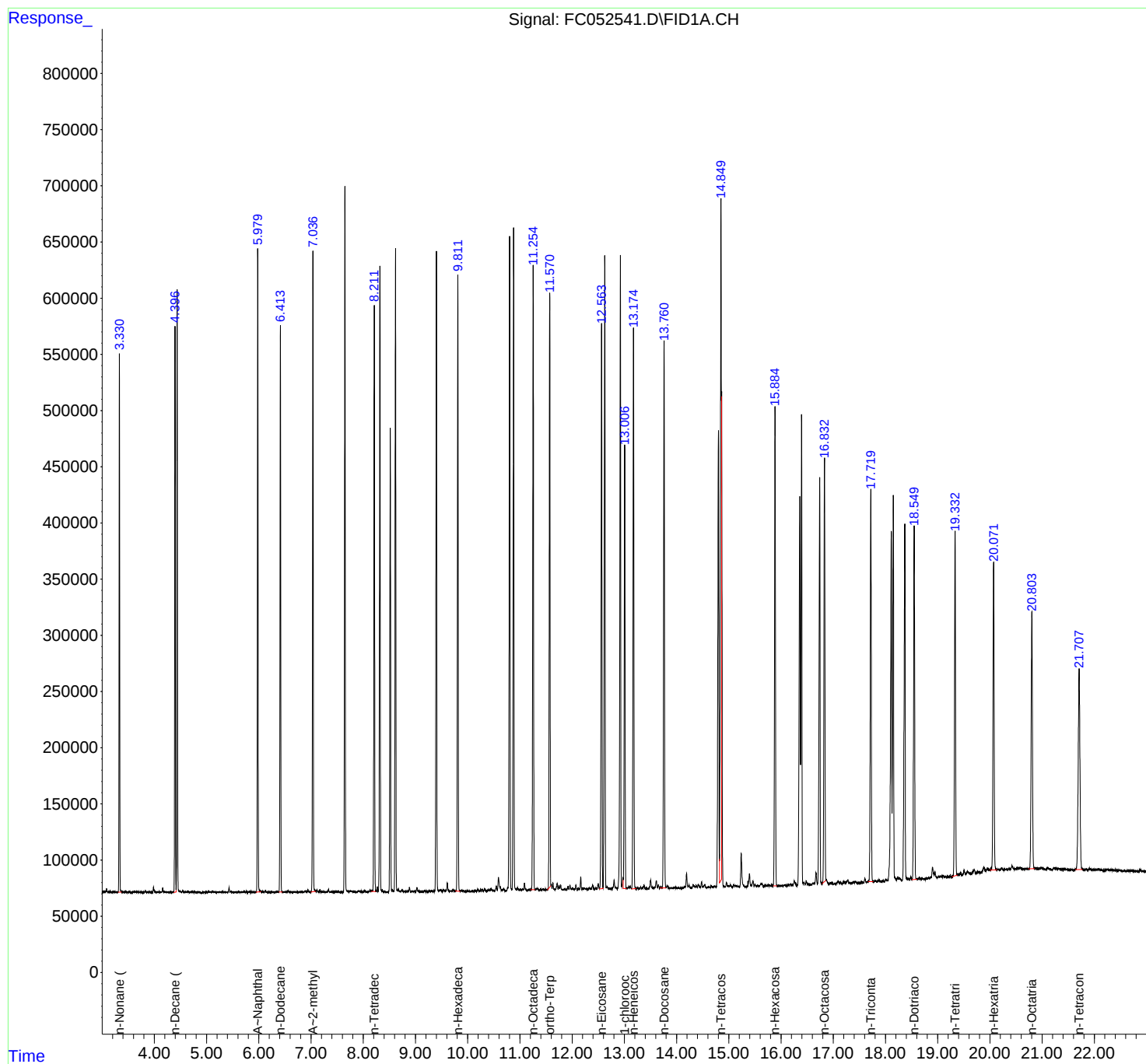
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SP-MANHOLEMSD

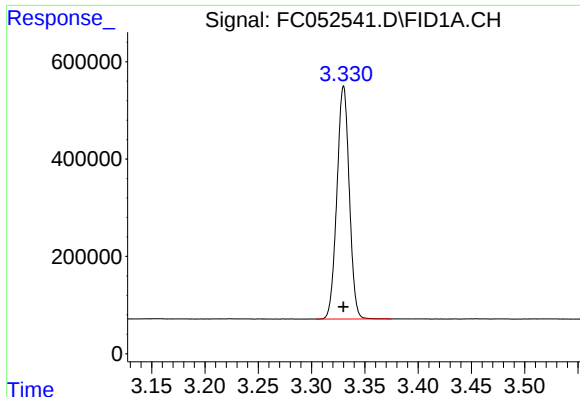
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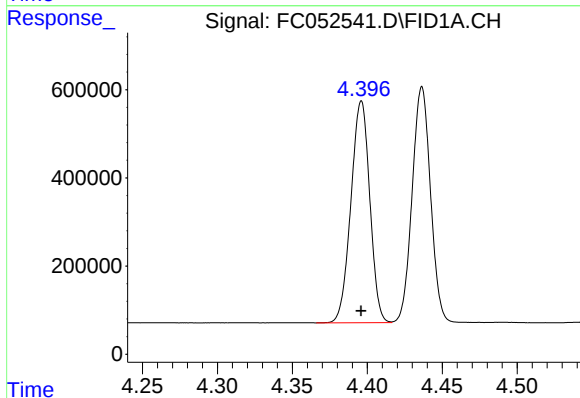
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 3867930
Conc: 33.30 ug/ml

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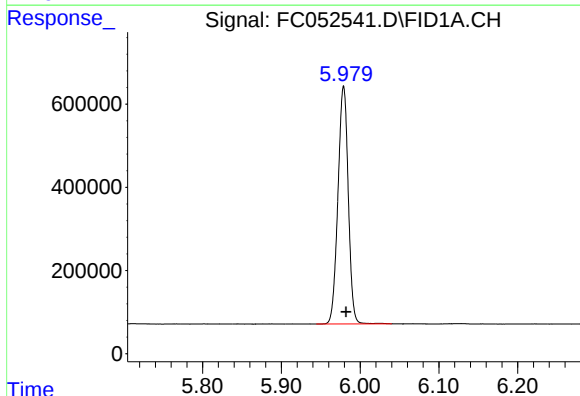
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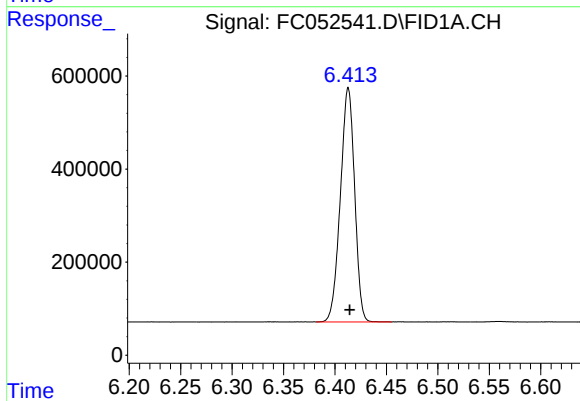
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: 0.000 min
Response: 4407466
Conc: 37.61 ug/ml



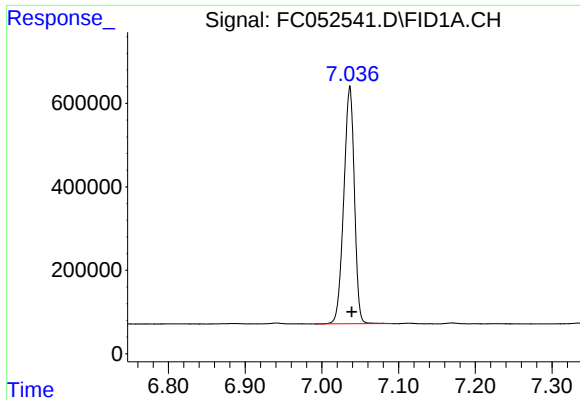
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 5198813
Conc: 39.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 4852253
Conc: 40.41 ug/ml



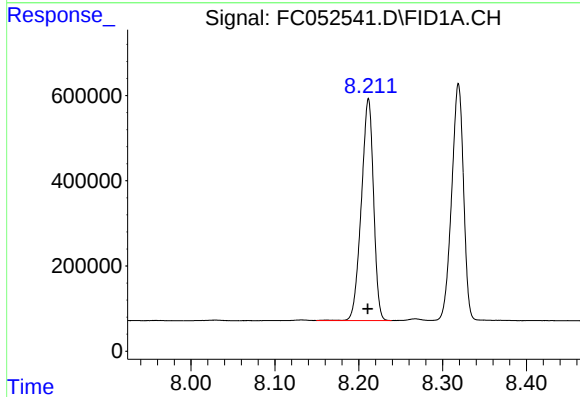
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.036 min
Delta R.T.: -0.002 min
Response: 5455672
Conc: 40.76 ug/ml

Instrument :
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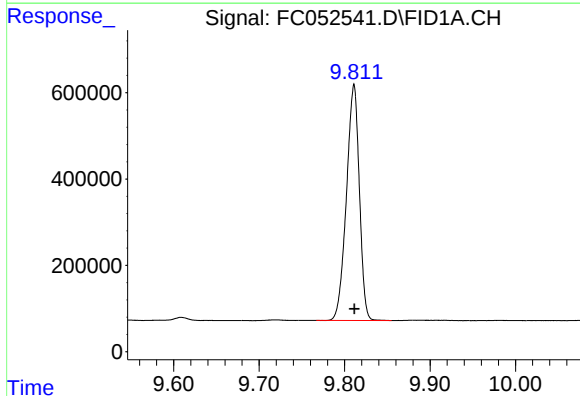
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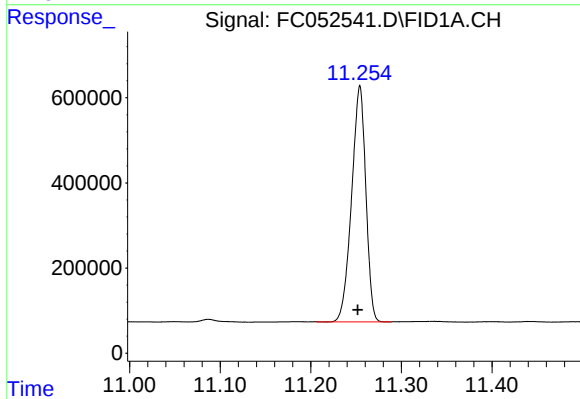
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 5270064
Conc: 43.57 ug/ml



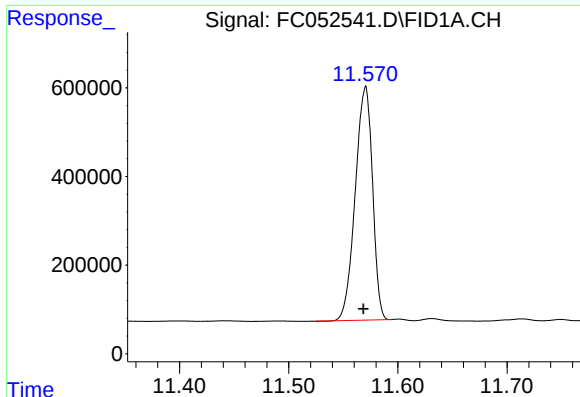
#7 n-Hexadecane (C16)

R.T.: 9.811 min
Delta R.T.: 0.000 min
Response: 5746399
Conc: 47.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.254 min
Delta R.T.: 0.002 min
Response: 6037265
Conc: 47.85 ug/ml



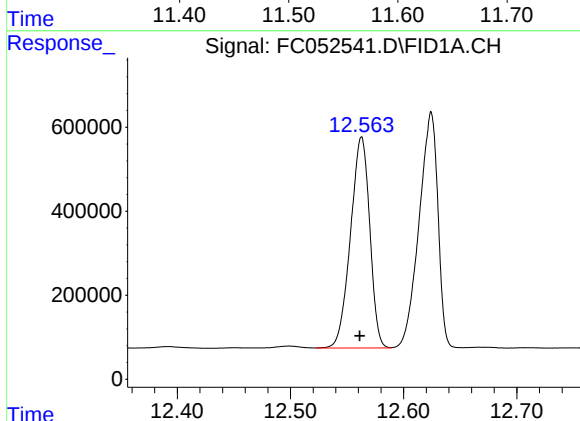
#9 ortho-Terphenyl (SURR)

R.T.: 11.570 min
Delta R.T.: 0.002 min
Response: 5787834
Conc: 43.18 ug/ml

Instrument :
FID_C
ClientSampleId :
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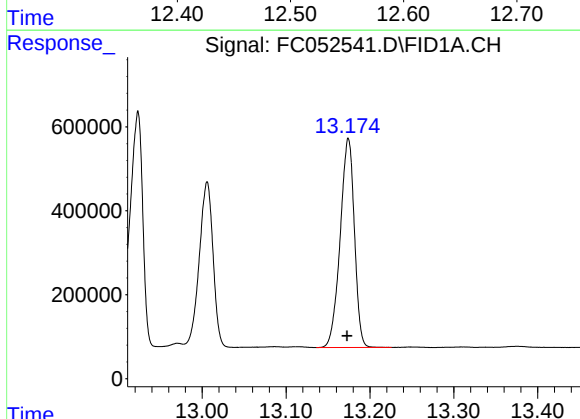
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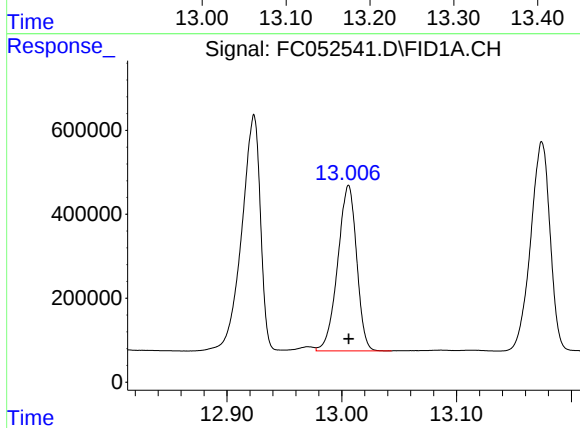
#10 n-Eicosane (C20)

R.T.: 12.563 min
Delta R.T.: 0.002 min
Response: 5932863
Conc: 46.46 ug/ml



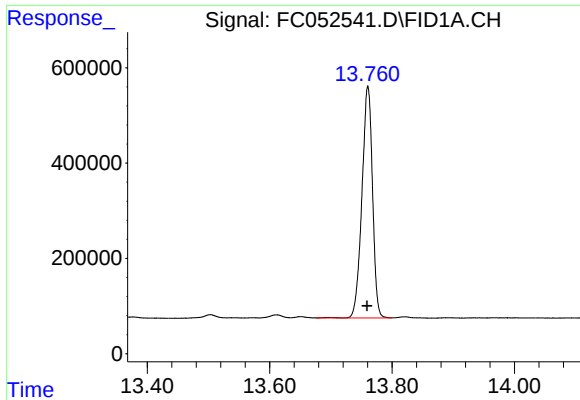
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: 0.002 min
Response: 5866869
Conc: 46.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.006 min
Delta R.T.: 0.000 min
Response: 4521749
Conc: 41.92 ug/ml



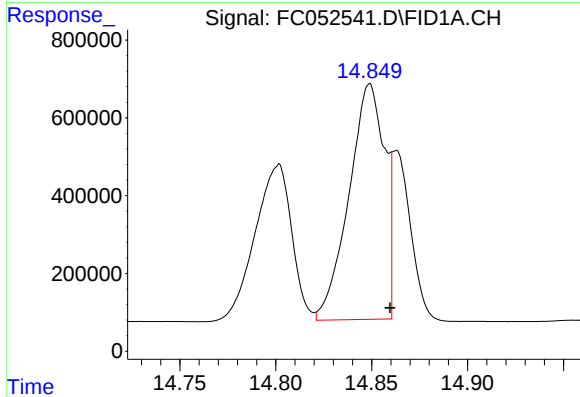
#13 n-Docosane (C22)

R.T.: 13.760 min
Delta R.T.: 0.001 min
Response: 5823104
Conc: 45.97 ug/ml

Instrument :
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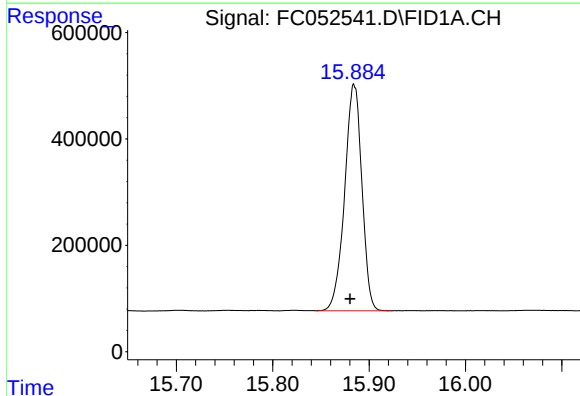
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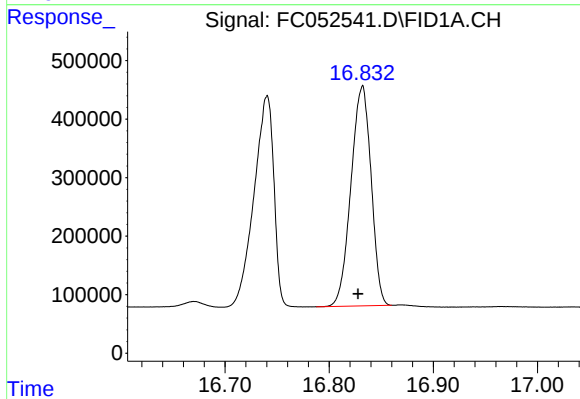
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.011 min
Response: 7986213
Conc: 63.93 ug/ml m



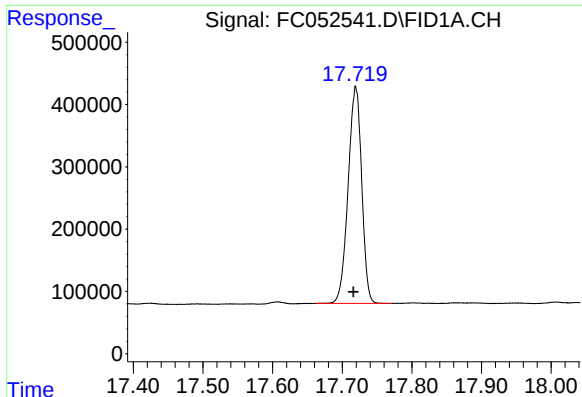
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.004 min
Response: 5265630
Conc: 43.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: 0.004 min
Response: 5053927
Conc: 43.84 ug/ml



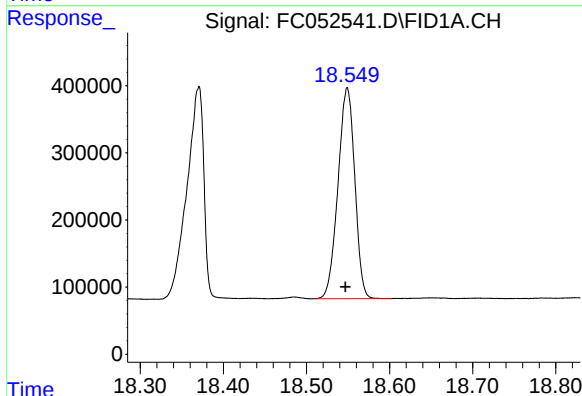
#17 n-Tricontane (C30)

R.T.: 17.719 min
Delta R.T.: 0.004 min
Response: 4705305
Conc: 43.19 ug/ml

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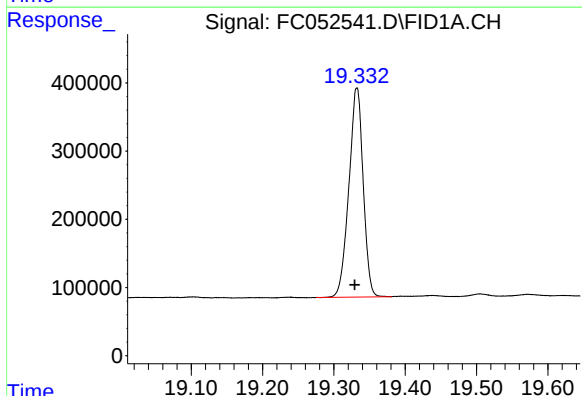
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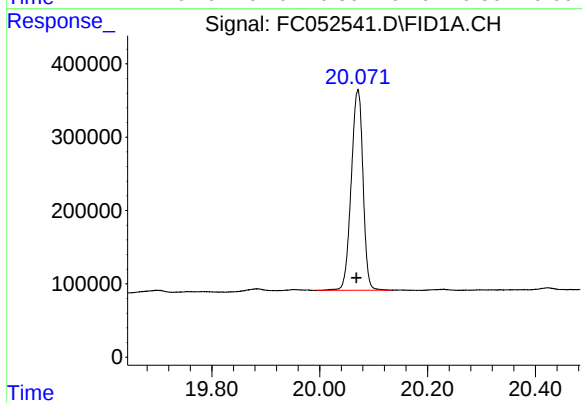
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: 0.002 min
Response: 4418698
Conc: 44.04 ug/ml



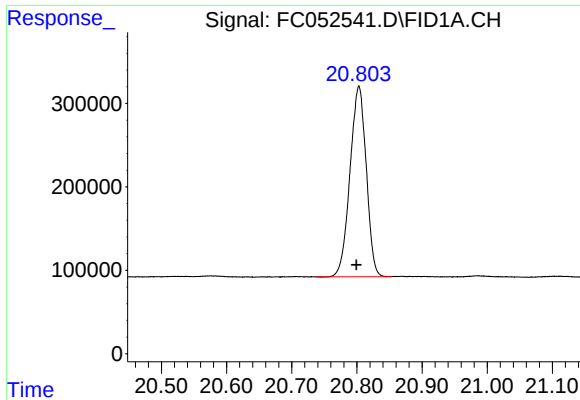
#19 n-Tetratriacontane (C34)

R.T.: 19.332 min
Delta R.T.: 0.003 min
Response: 4269941
Conc: 46.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.071 min
Delta R.T.: 0.003 min
Response: 4146645
Conc: 45.47 ug/ml



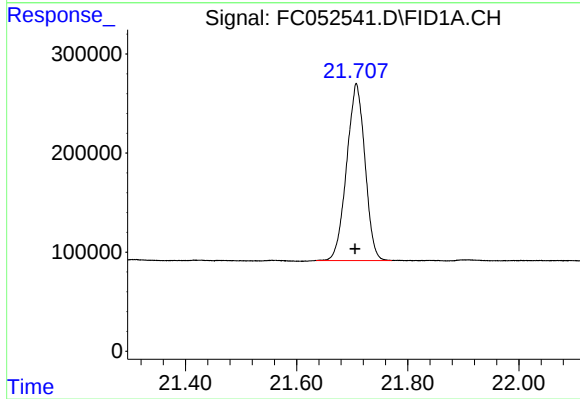
#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: 0.004 min
Response: 3955069
Conc: 48.46 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: 0.002 min
Response: 4076271
Conc: 47.32 ug/ml