

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102721AL\
 Data File : FC056454.D
 Signal(s) : FID1A.CH
 Acq On : 28 Oct 2021 6:02
 Operator : AJ\MA
 Sample : M4358-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TH-FSMS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Oct 28 07:58:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.622	4587949	37.054 ug/ml
Spiked Amount 50.000		Recovery =	74.11%
12) S 1-chlorooctadecane (S...	13.052	3379999	35.126 ug/ml
Spiked Amount 50.000		Recovery =	70.25%
Target Compounds			
1) T n-Nonane (C9)	3.386	4055408	37.469 ug/mlm
2) T n-Decane (C10)	4.450	4720299	43.821 ug/ml
3) T A~Naphthalene (C11.7)	6.038	5271562	43.238 ug/ml
4) T n-Dodecane (C12)	6.466	5211960	47.279 ug/ml
5) T A~2-methylnaphthalene...	7.095	5289360	43.192 ug/ml
6) T n-Tetradecane (C14)	8.263	5747615	51.196 ug/ml
7) T n-Hexadecane (C16)	9.861	6128208	53.903 ug/ml
8) T n-Octadecane (C18)	11.302	6440203	55.112 ug/ml
10) T n-Eicosane (C20)	12.610	6159850	53.598 ug/ml
11) T n-Heneicosane (C21)	13.220	6035286	52.516 ug/ml
13) T n-Docosane (C22)	13.804	5898145	52.388 ug/ml
14) T n-Tetracosane (C24)	14.901	10413386	94.492 ug/ml
15) T n-Hexacosane (C26)	15.923	5344109	50.633 ug/ml
16) T n-Octacosane (C28)	16.867	5000579	48.209 ug/ml
17) T n-Tricontane (C30)	17.751	4883147	47.131 ug/ml
18) T n-Dotriacontane (C32)	18.579	4748964	49.567 ug/ml
19) T n-Tetratriacontane (C34)	19.357	4611969	52.582 ug/ml
20) T n-Hexatriacontane (C36)	20.092	4396493	53.713 ug/ml
21) T n-Octatriacontane (C38)	20.826	4239838	53.014 ug/ml
22) T n-Tetracontane (C40)	21.745	4333067	52.592 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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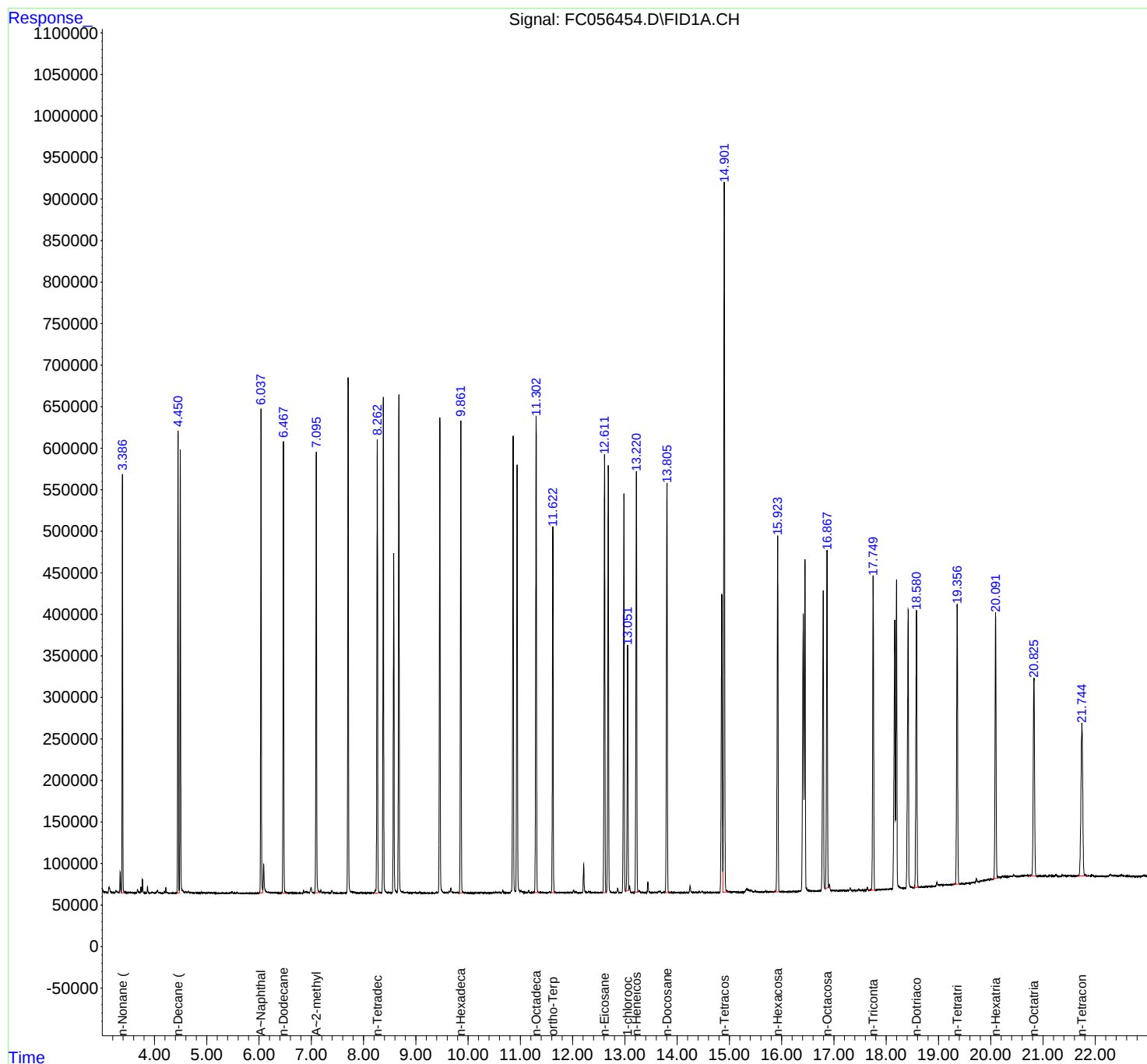
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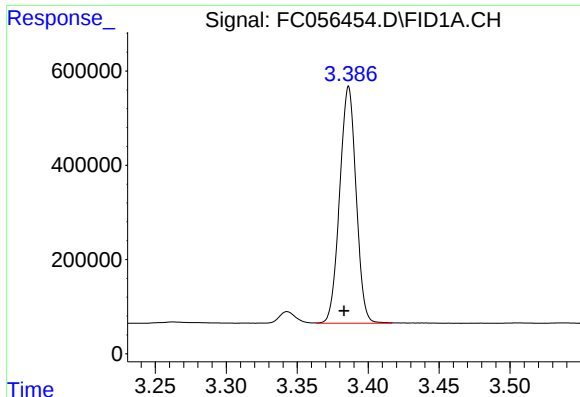
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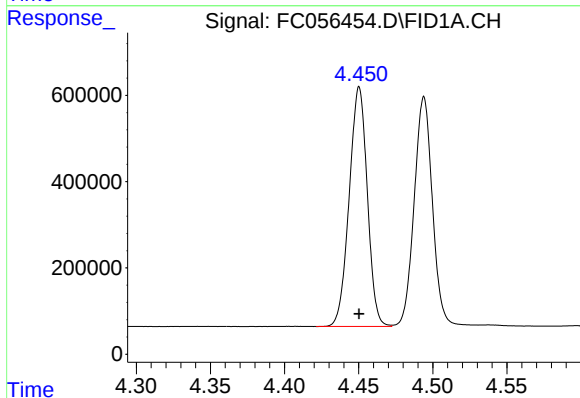
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: 0.003 min
Response: 4055408
Conc: 37.47 ug/ml m

Instrument :
FID_C
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TH-FSMS

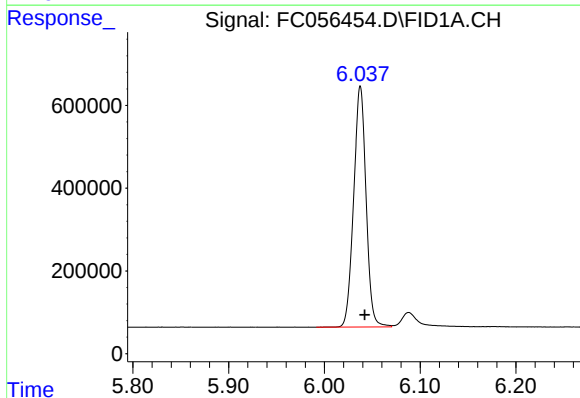
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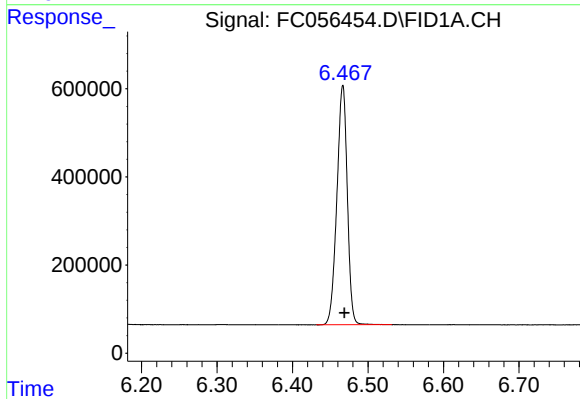
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: 0.000 min
Response: 4720299
Conc: 43.82 ug/ml



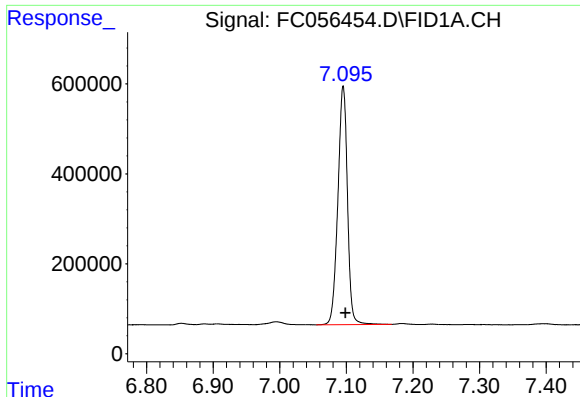
#3 A~Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: -0.004 min
Response: 5271562
Conc: 43.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 5211960
Conc: 47.28 ug/ml



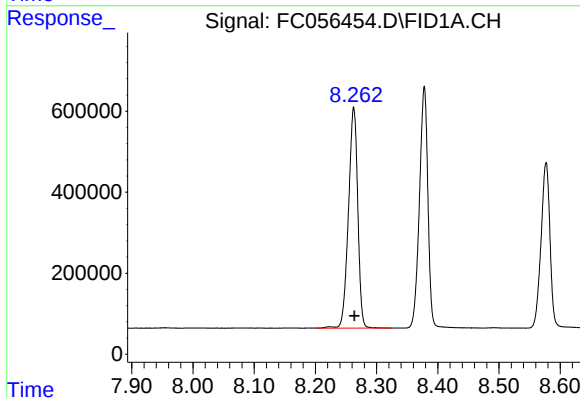
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 5289360
Conc: 43.19 ug/ml

Instrument :
FID_C
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TH-FSMS

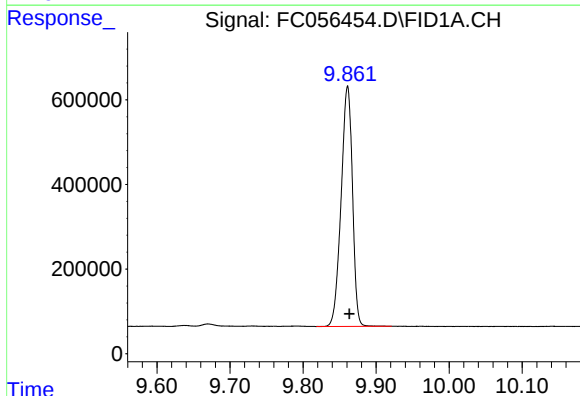
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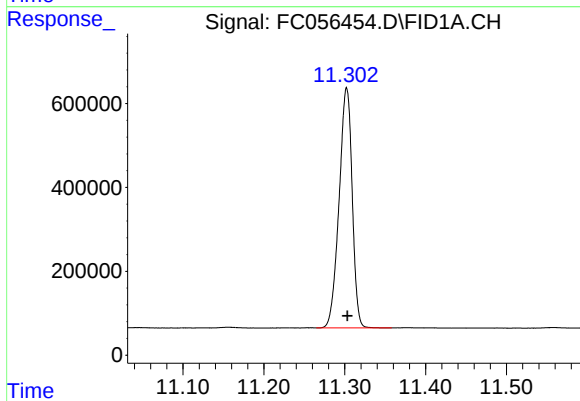
#6 n-Tetradecane (C14)

R.T.: 8.263 min
Delta R.T.: -0.001 min
Response: 5747615
Conc: 51.20 ug/ml



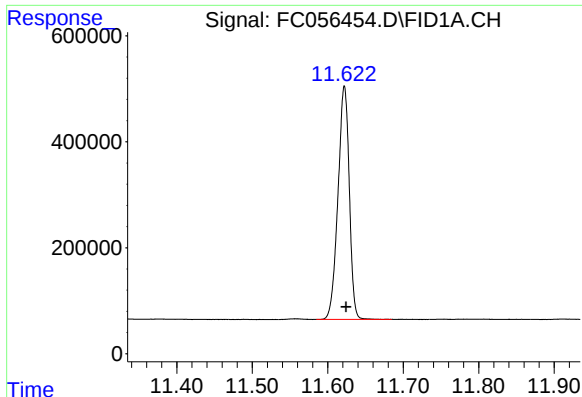
#7 n-Hexadecane (C16)

R.T.: 9.861 min
Delta R.T.: -0.003 min
Response: 6128208
Conc: 53.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.302 min
Delta R.T.: -0.001 min
Response: 6440203
Conc: 55.11 ug/ml



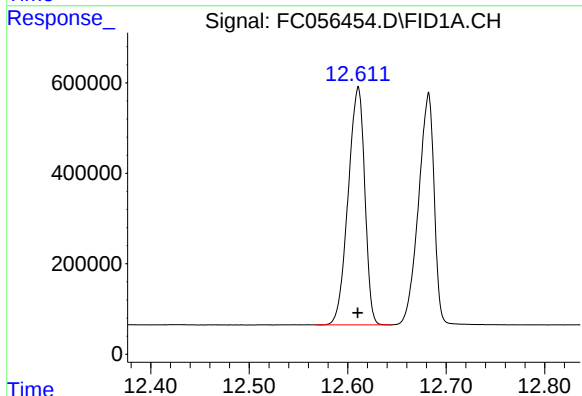
#9 ortho-Terphenyl (SURR)

R.T.: 11.622 min
Delta R.T.: -0.002 min
Response: 4587949
Conc: 37.05 ug/ml

Instrument :
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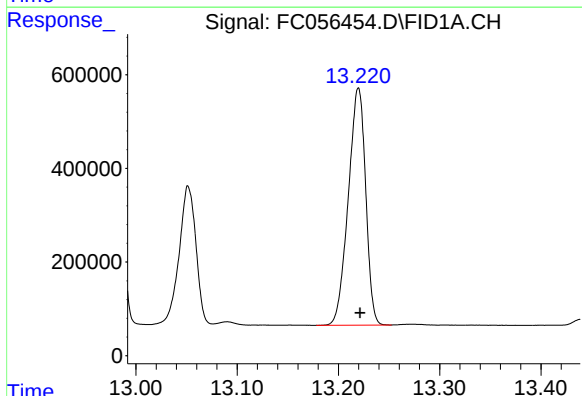
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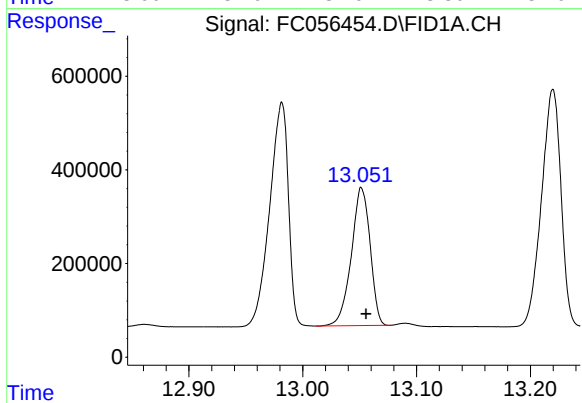
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: 0.000 min
Response: 6159850
Conc: 53.60 ug/ml



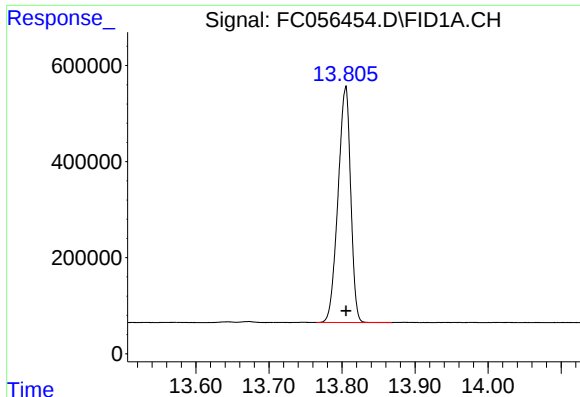
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.002 min
Response: 6035286
Conc: 52.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min
Delta R.T.: -0.004 min
Response: 3379999
Conc: 35.13 ug/ml



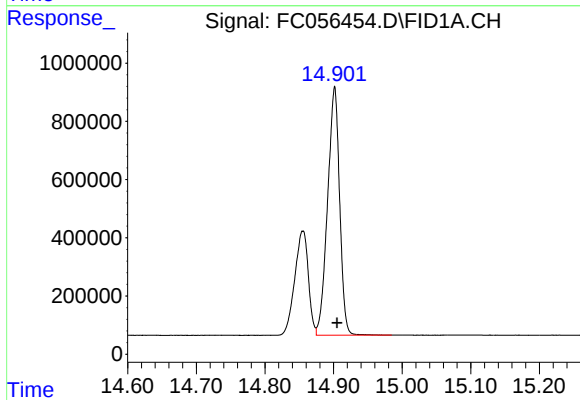
#13 n-Docosane (C22)

R.T.: 13.804 min
Delta R.T.: -0.001 min
Response: 5898145
Conc: 52.39 ug/ml

Instrument :
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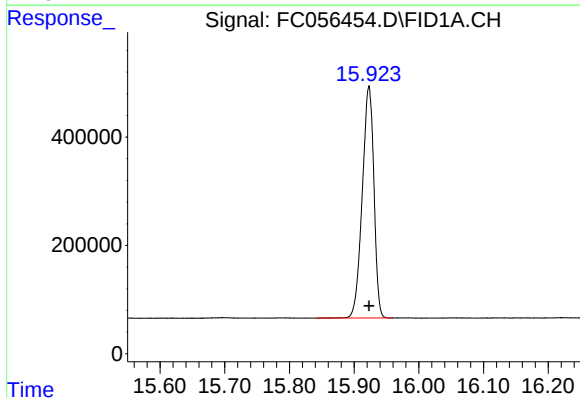
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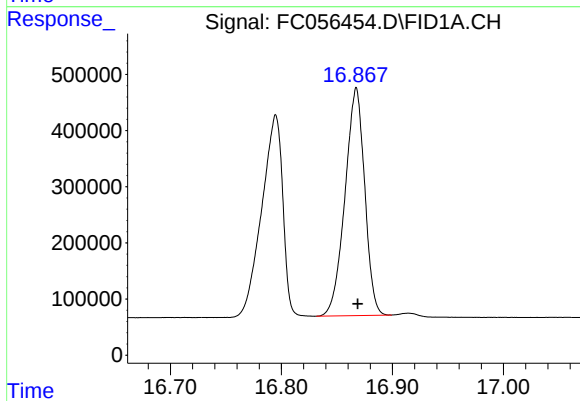
#14 n-Tetracosane (C24)

R.T.: 14.901 min
Delta R.T.: -0.004 min
Response: 10413386
Conc: 94.49 ug/ml



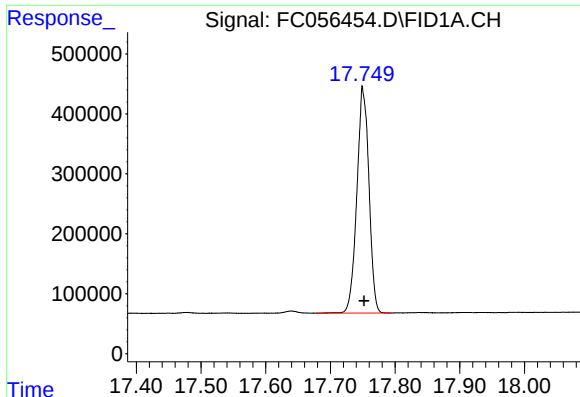
#15 n-Hexacosane (C26)

R.T.: 15.923 min
Delta R.T.: 0.000 min
Response: 5344109
Conc: 50.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.867 min
Delta R.T.: -0.002 min
Response: 5000579
Conc: 48.21 ug/ml



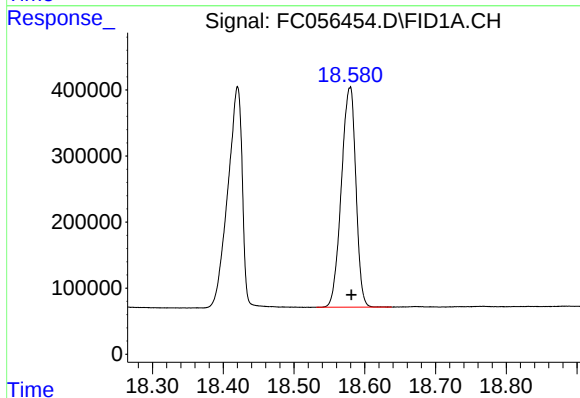
#17 n-Tricontane (C30)

R.T.: 17.751 min
Delta R.T.: -0.001 min
Response: 4883147
Conc: 47.13 ug/ml

Instrument :
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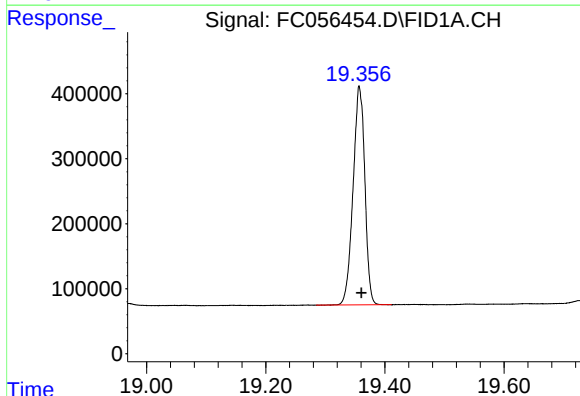
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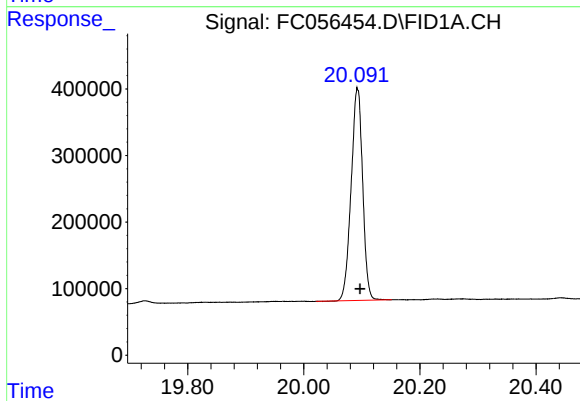
#18 n-Dotriacontane (C32)

R.T.: 18.579 min
Delta R.T.: -0.002 min
Response: 4748964
Conc: 49.57 ug/ml



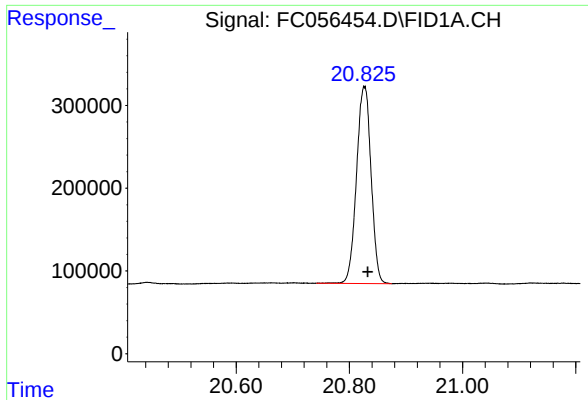
#19 n-Tetratriacontane (C34)

R.T.: 19.357 min
Delta R.T.: -0.003 min
Response: 4611969
Conc: 52.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: -0.004 min
Response: 4396493
Conc: 53.71 ug/ml



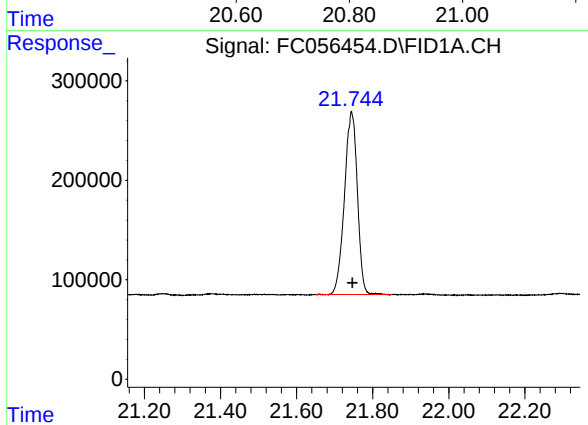
#21 n-Octatriacontane (C38)

R.T.: 20.826 min
Delta R.T.: -0.006 min
Response: 4239838
Conc: 53.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.745 min
Delta R.T.: -0.002 min
Response: 4333067
Conc: 52.59 ug/ml