

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030821AL\
 Data File : FC052304.D
 Signal(s) : FID1A.CH
 Acq On : 08 Mar 2021 18:25
 Operator : DD\AJ
 Sample : PB135036BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB135036BS

Manual Integrations
 APPROVED

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 3/9/2021 2:04:42 PM

Integration File: autoint1.e
 Quant Time: Mar 09 02:57:36 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)	11.617	6834827	51.828 ug/ml
Spiked Amount 50.000		Recovery =	103.66%
12) S 1-chlorooctadecane (S...	13.052	5406056	51.981 ug/ml
Spiked Amount 50.000		Recovery =	103.96%
Target Compounds			
1) T n-Nonane (C9)	3.366	5656015	47.983 ug/ml
2) T n-Decane (C10)	4.431	6526263	54.951 ug/ml
3) T A~Naphthalene (C11.7)	6.018	7774980	58.557 ug/ml
4) T n-Dodecane (C12)	6.449	7148978	59.137 ug/ml
5) T A~2-methylnaphthalene...	7.078	8114933	59.786 ug/ml
6) T n-Tetradecane (C14)	8.251	7259853	59.879 ug/ml
7) T n-Hexadecane (C16)	9.852	7192441	60.112 ug/ml
8) T n-Octadecane (C18)	11.297	7348121	59.361 ug/ml
10) T n-Eicosane (C20)	12.609	7148951	58.018 ug/ml
11) T n-Heneicosane (C21)	13.221	7065100	57.876 ug/ml
13) T n-Docosane (C22)	13.807	6867723	57.078 ug/ml
14) T n-Tetracosane (C24)	14.904	12689968	108.848 ug/ml
15) T n-Hexacosane (C26)	15.935	6082873	55.373 ug/ml
16) T n-Octacosane (C28)	16.883	5830730	56.885 ug/ml
17) T n-Tricontane (C30)	17.772	5332145	56.640 ug/ml
18) T n-Dotriacontane (C32)	18.602	5039406	59.022 ug/ml
19) T n-Tetratriacontane (C34)	19.384	4899960	63.202 ug/ml
20) T n-Hexatriacontane (C36)	20.124	4698197	65.383 ug/mlm
21) T n-Octatriacontane (C38)	20.868	4638171	67.709 ug/ml
22) T n-Tetracontane (C40)	21.792	4750702	66.065 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 08 Mar 2021 18:25
Operator : DD\AJ
Sample : PB135036BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

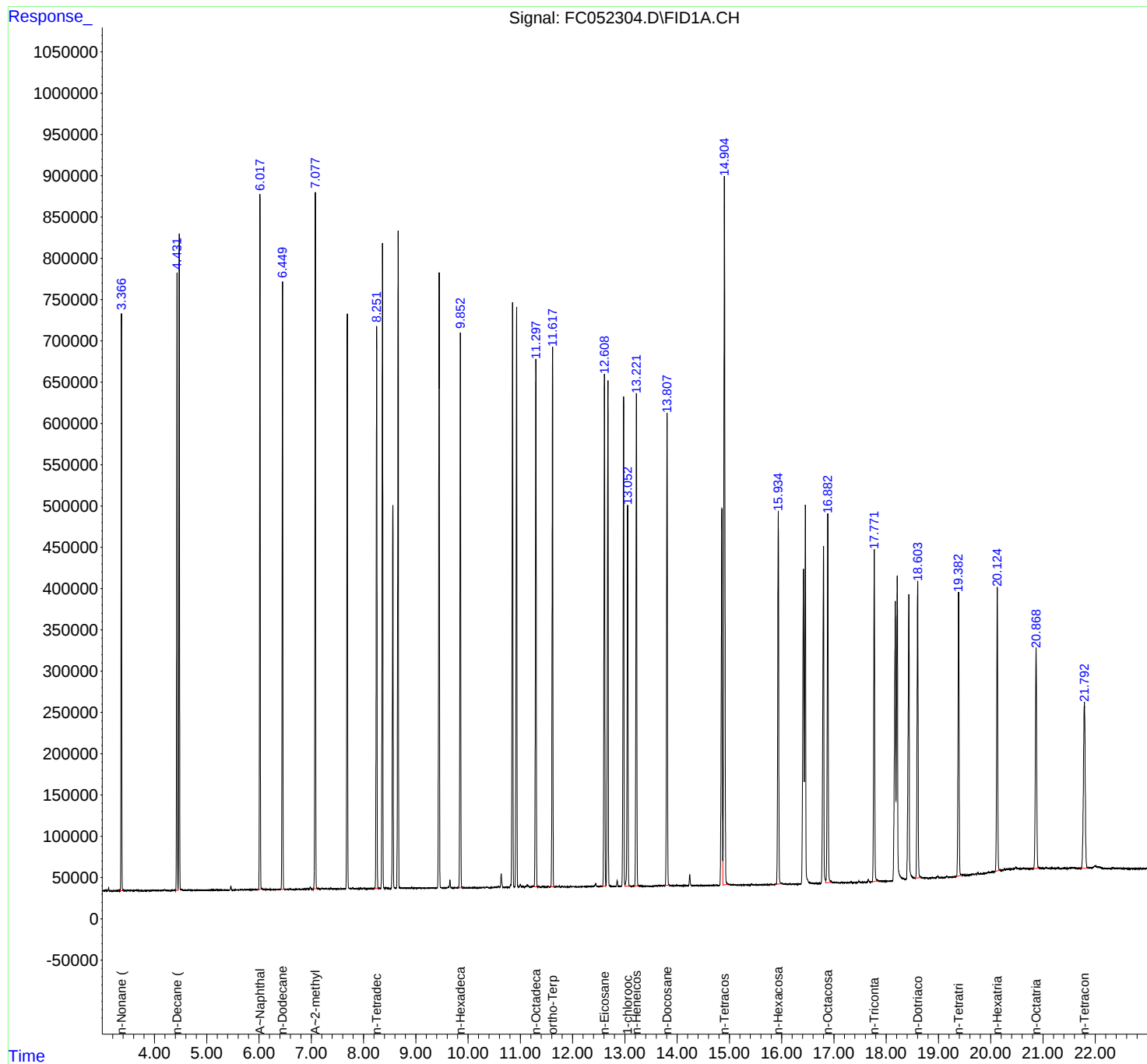
Instrument :
FID_C
ClientSampled :
PB135036BS

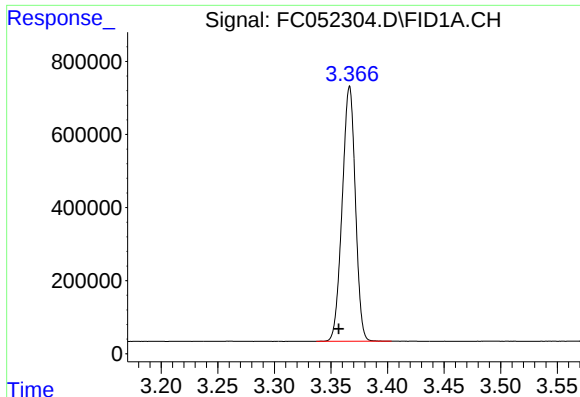
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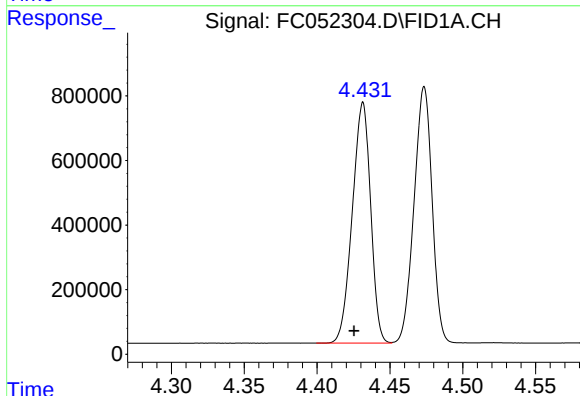
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.009 min
Response: 5656015
Conc: 47.98 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135036BS

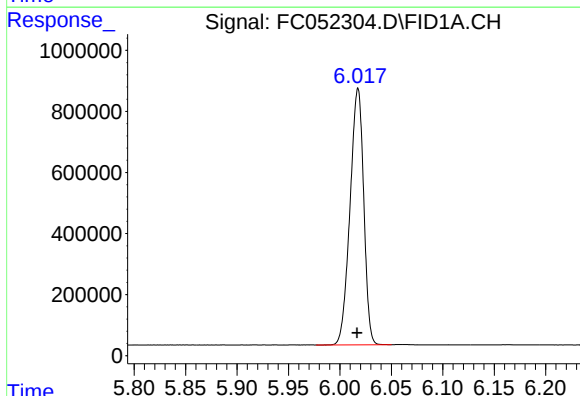
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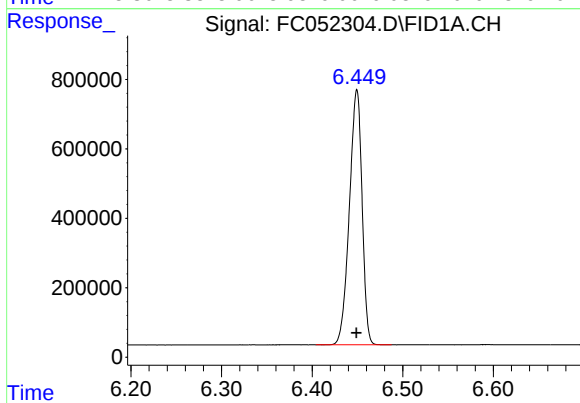
#2 n-Decane (C10)

R.T.: 4.431 min
Delta R.T.: 0.006 min
Response: 6526263
Conc: 54.95 ug/ml



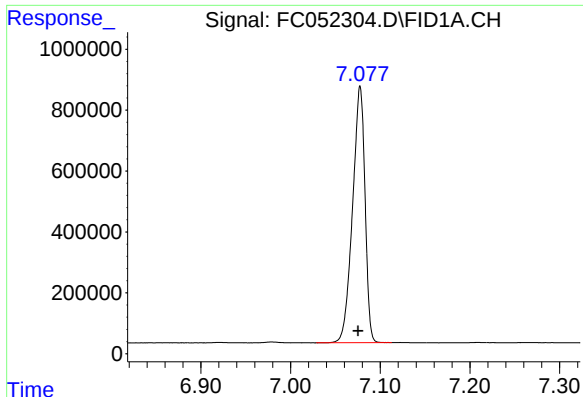
#3 A~Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 7774980
Conc: 58.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 7148978
Conc: 59.14 ug/ml



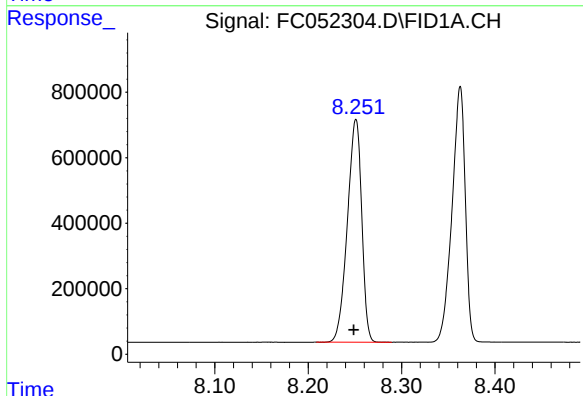
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: 0.002 min
Response: 8114933
Conc: 59.79 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135036BS

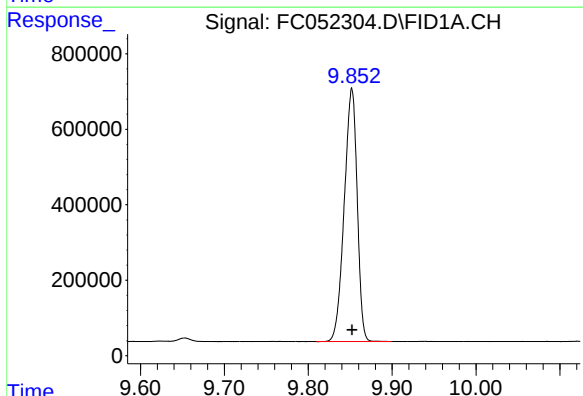
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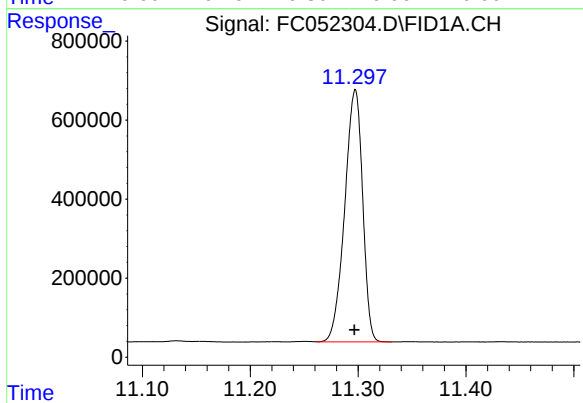
#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: 0.002 min
Response: 7259853
Conc: 59.88 ug/ml



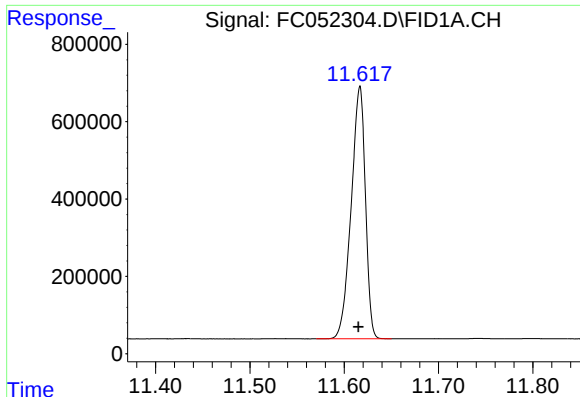
#7 n-Hexadecane (C16)

R.T.: 9.852 min
Delta R.T.: 0.000 min
Response: 7192441
Conc: 60.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.297 min
Delta R.T.: 0.000 min
Response: 7348121
Conc: 59.36 ug/ml



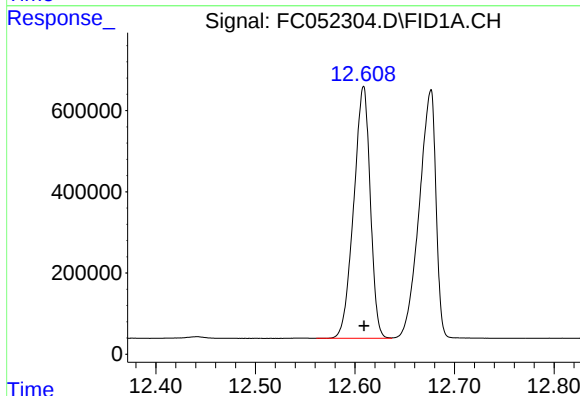
#9 ortho-Terphenyl (SURR)

R.T.: 11.617 min
Delta R.T.: 0.002 min
Response: 6834827
Conc: 51.83 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135036BS

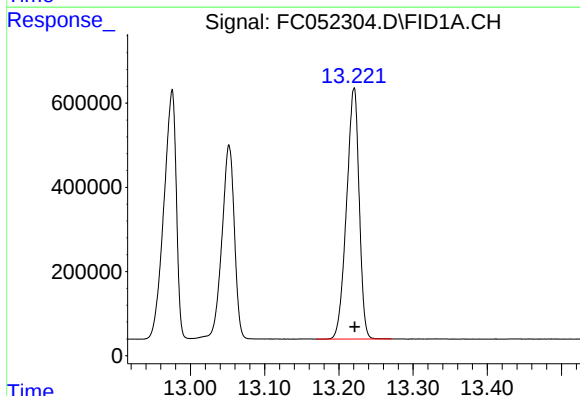
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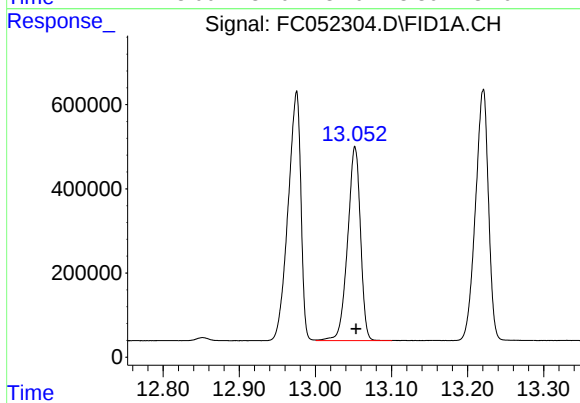
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: 0.000 min
Response: 7148951
Conc: 58.02 ug/ml



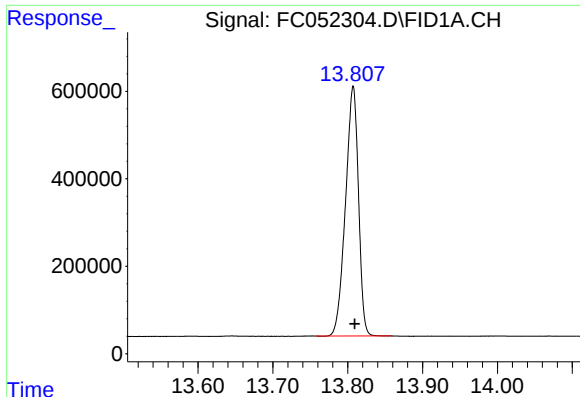
#11 n-Heneicosane (C21)

R.T.: 13.221 min
Delta R.T.: -0.001 min
Response: 7065100
Conc: 57.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min
Delta R.T.: -0.001 min
Response: 5406056
Conc: 51.98 ug/ml



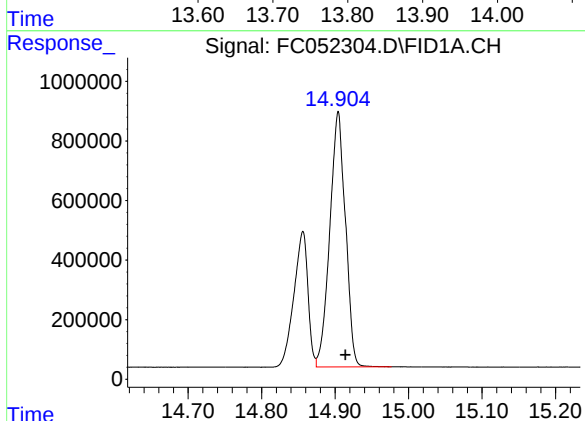
#13 n-Docosane (C22)

R.T.: 13.807 min
Delta R.T.: -0.002 min
Response: 6867723
Conc: 57.08 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135036BS

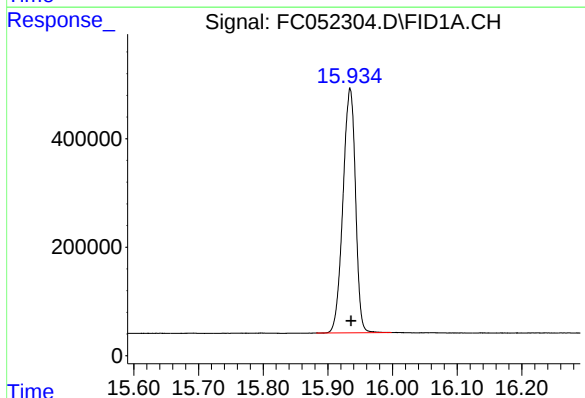
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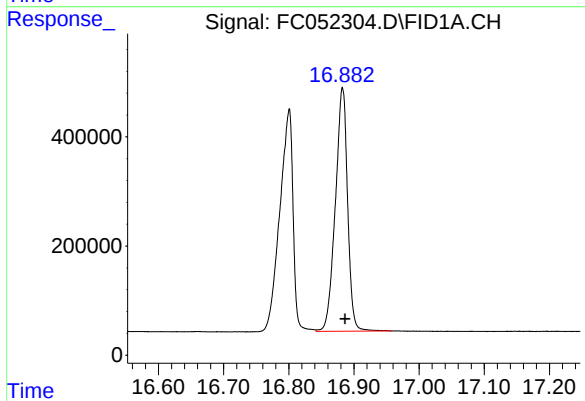
#14 n-Tetracosane (C24)

R.T.: 14.904 min
Delta R.T.: -0.010 min
Response: 12689968
Conc: 108.85 ug/ml



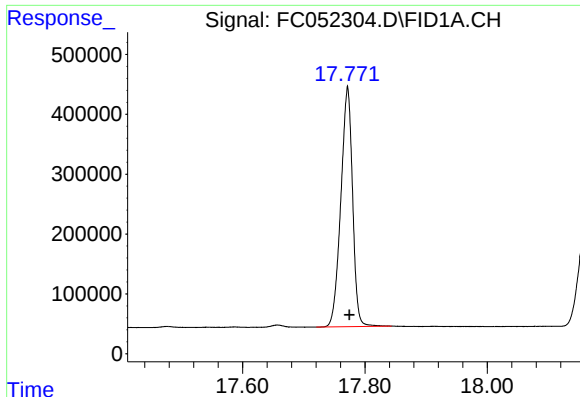
#15 n-Hexacosane (C26)

R.T.: 15.935 min
Delta R.T.: -0.001 min
Response: 6082873
Conc: 55.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.883 min
Delta R.T.: -0.004 min
Response: 5830730
Conc: 56.88 ug/ml



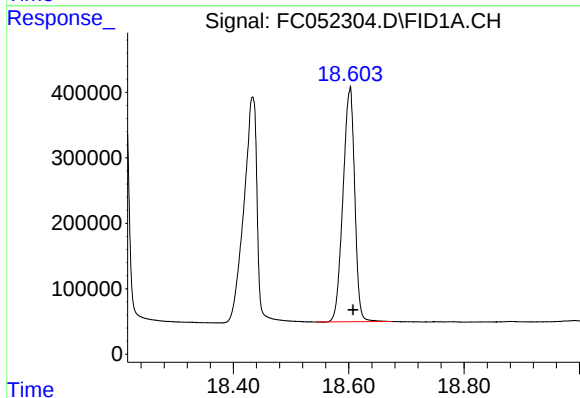
#17 n-Tricontane (C30)

R.T.: 17.772 min
Delta R.T.: -0.003 min
Response: 5332145
Conc: 56.64 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135036BS

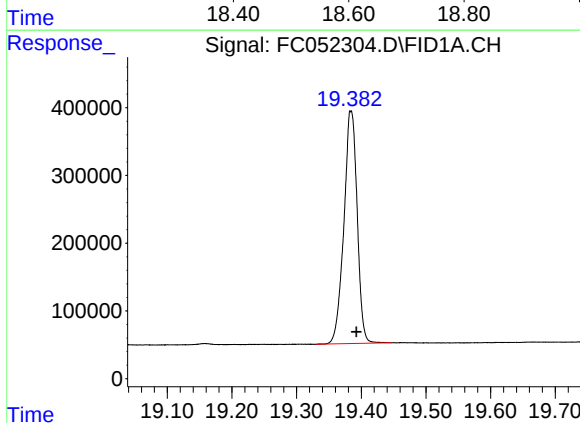
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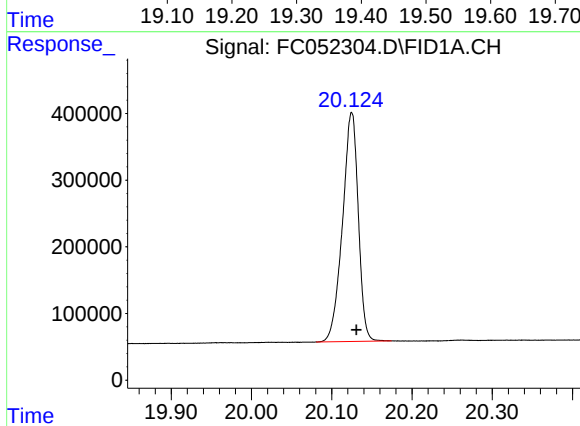
#18 n-Dotriacontane (C32)

R.T.: 18.602 min
Delta R.T.: -0.005 min
Response: 5039406
Conc: 59.02 ug/ml



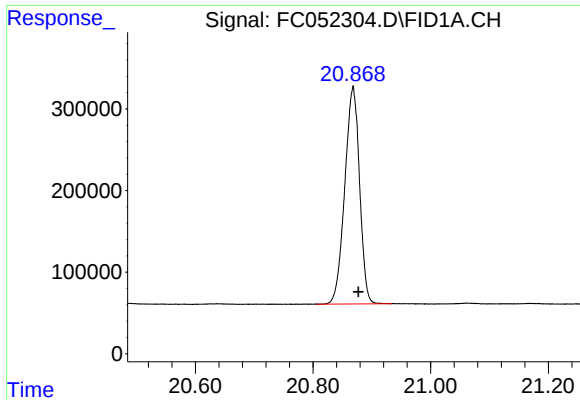
#19 n-Tetratriacontane (C34)

R.T.: 19.384 min
Delta R.T.: -0.008 min
Response: 4899960
Conc: 63.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.124 min
Delta R.T.: -0.007 min
Response: 4698197
Conc: 65.38 ug/ml m



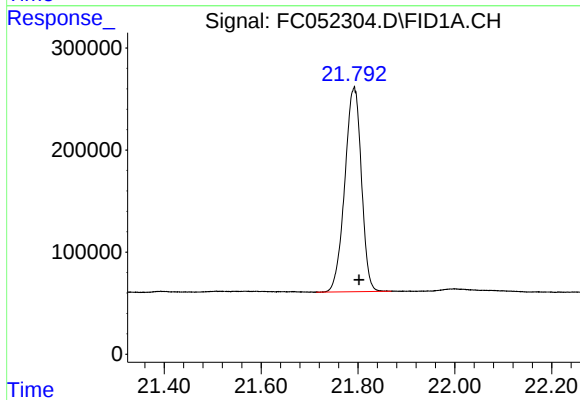
#21 n-Octatriacontane (C38)

R.T.: 20.868 min
Delta R.T.: -0.009 min
Response: 4638171
Conc: 67.71 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135036BS

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#22 n-Tetracontane (C40)

R.T.: 21.792 min
Delta R.T.: -0.010 min
Response: 4750702
Conc: 66.06 ug/ml