

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092721AL\
 Data File : FC055857.D
 Signal(s) : FID1A.CH
 Acq On : 28 Sep 2021 3:35
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 9/28/2021 12:47:58 PM

Integration File: autoint1.e
 Quant Time: Sep 28 03:58:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 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)	11.665	2064206	16.346 ug/ml
Spiked Amount 50.000		Recovery =	32.69%
12) S 1-chlorooctadecane (S...	13.097	1602992	16.223 ug/ml
Spiked Amount 50.000		Recovery =	32.45%
Target Compounds			
1) T n-Nonane (C9)	3.407	2157192	19.411 ug/ml
2) T n-Decane (C10)	4.478	2169572	19.369 ug/ml
3) T A~Naphthalene (C11.7)	6.075	2387090	19.015 ug/ml
4) T n-Dodecane (C12)	6.500	2164308	19.341 ug/ml
5) T A~2-methylnaphthalene...	7.134	2357024	18.642 ug/ml
6) T n-Tetradecane (C14)	8.296	2150517	18.998 ug/ml
7) T n-Hexadecane (C16)	9.898	2097074	18.355 ug/ml
8) T n-Octadecane (C18)	11.341	2054119	17.312 ug/ml
10) T n-Eicosane (C20)	12.651	1936722	16.407 ug/ml
11) T n-Heneicosane (C21)	13.263	1911040	16.018 ug/ml
13) T n-Docosane (C22)	13.850	1849710	15.613 ug/ml
14) T n-Tetracosane (C24)	14.952	1790956	15.136 ug/ml
15) T n-Hexacosane (C26)	15.973	1728254	15.167 ug/ml
16) T n-Octacosane (C28)	16.921	1702440	15.651 ug/mlm
17) T n-Tricontane (C30)	17.809	1693864	16.744 ug/mlm
18) T n-Dotriacontane (C32)	18.641	1695330	18.553 ug/mlm
19) T n-Tetratriacontane (C34)	19.423	1755600	20.329 ug/mlm
20) T n-Hexatriacontane (C36)	20.163	1868149	21.965 ug/mlm
21) T n-Octatriacontane (C38)	20.912	1835932	24.118 ug/mlm
22) T n-Tetracontane (C40)	21.850	1749893	24.982 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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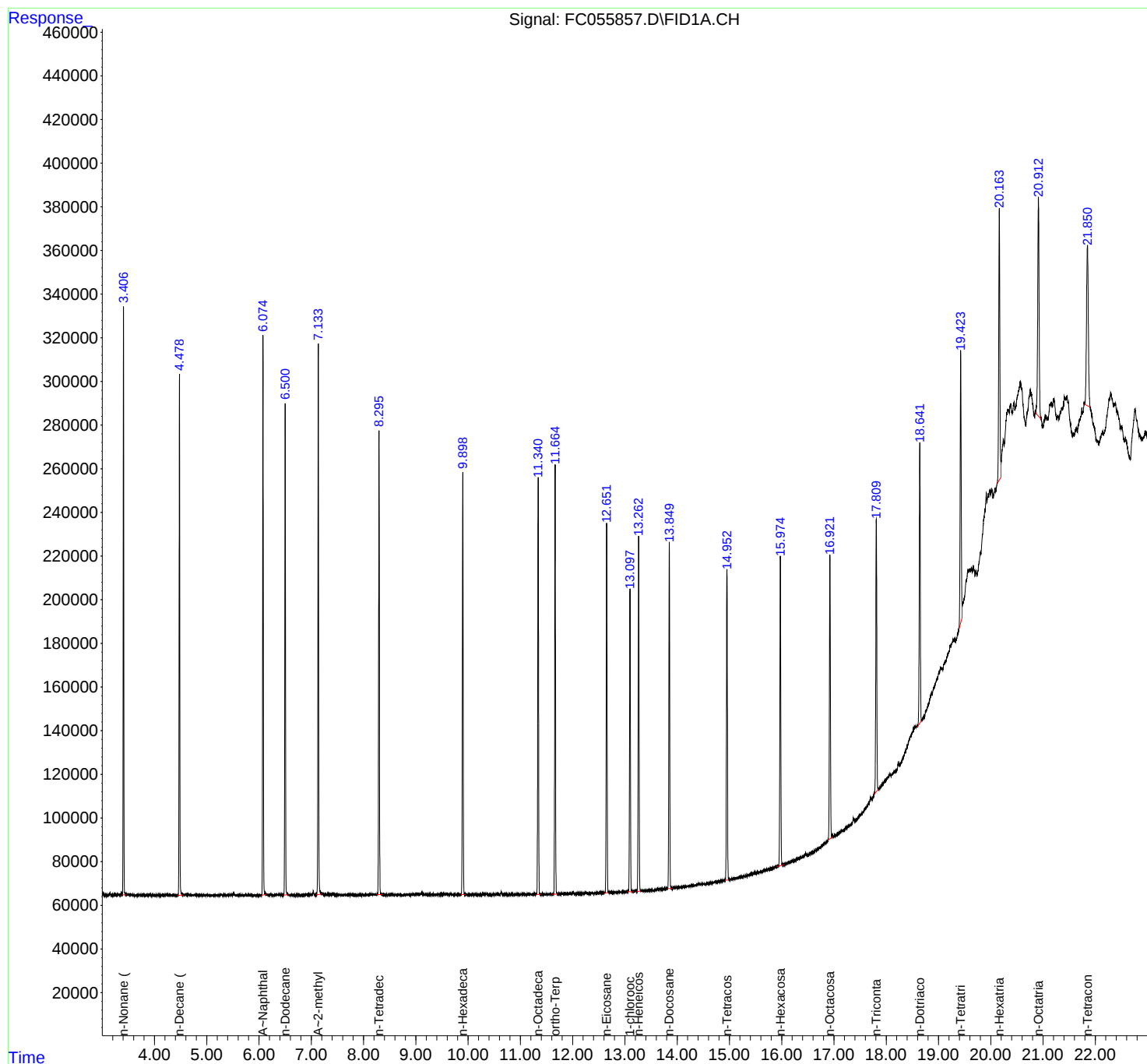
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FID_C
ClientSampleId :

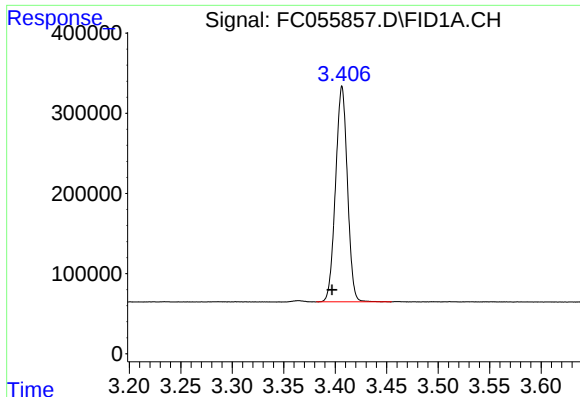
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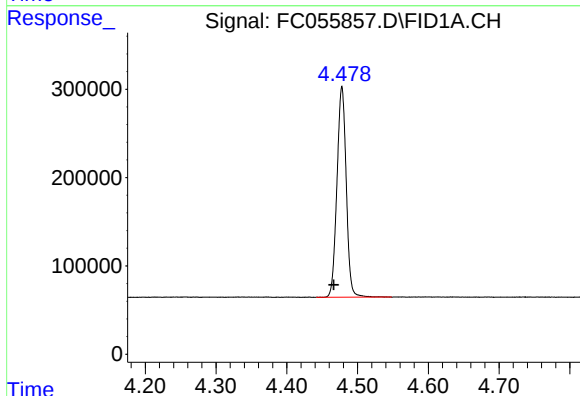
#1 n-Nonane (C9)

R.T.: 3.407 min
Delta R.T.: 0.010 min
Response: 2157192
Conc: 19.41 ug/ml

Instrument :
FID_C
ClientSampleId :

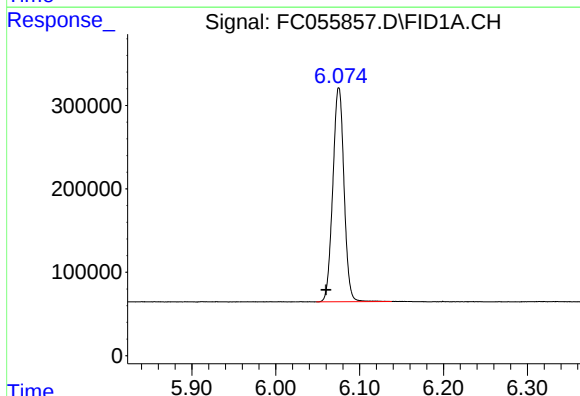
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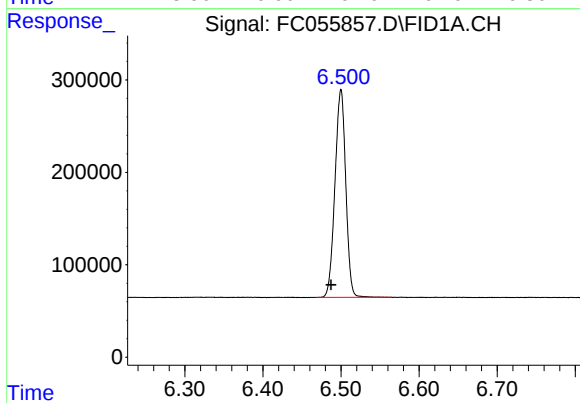
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: 0.011 min
Response: 2169572
Conc: 19.37 ug/ml



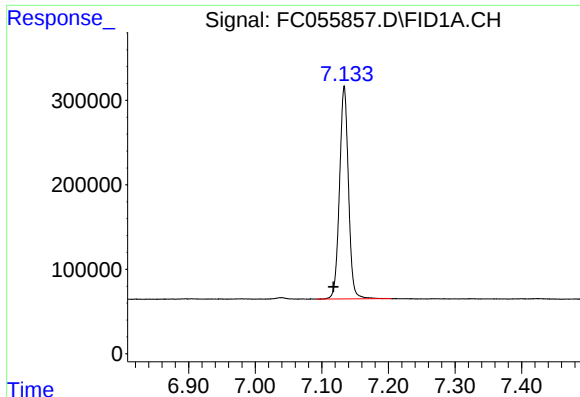
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: 0.015 min
Response: 2387090
Conc: 19.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.500 min
Delta R.T.: 0.012 min
Response: 2164308
Conc: 19.34 ug/ml



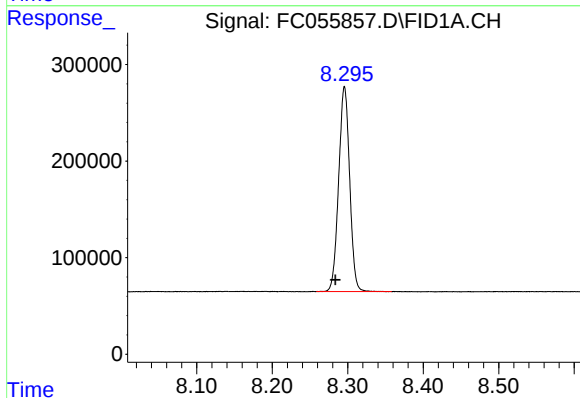
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: 0.016 min
Response: 2357024
Conc: 18.64 ug/ml

Instrument :
FID_C
ClientSampleId :

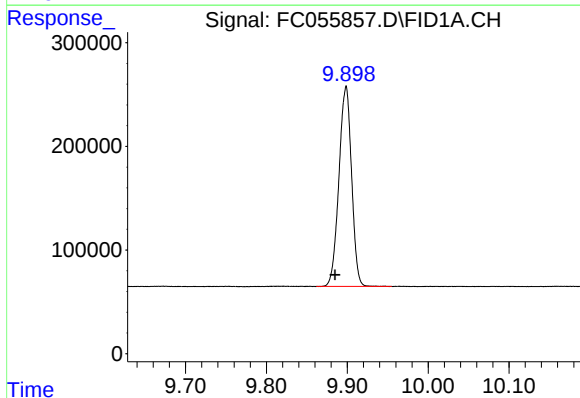
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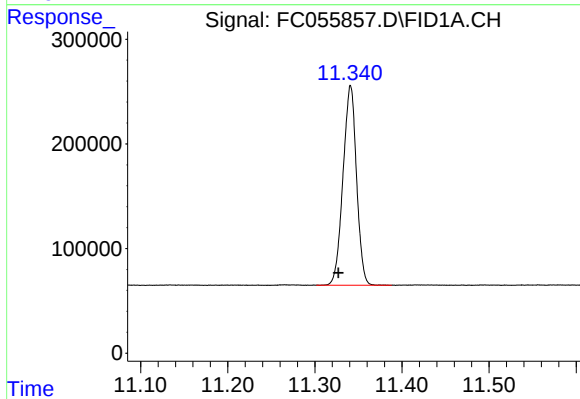
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.012 min
Response: 2150517
Conc: 19.00 ug/ml



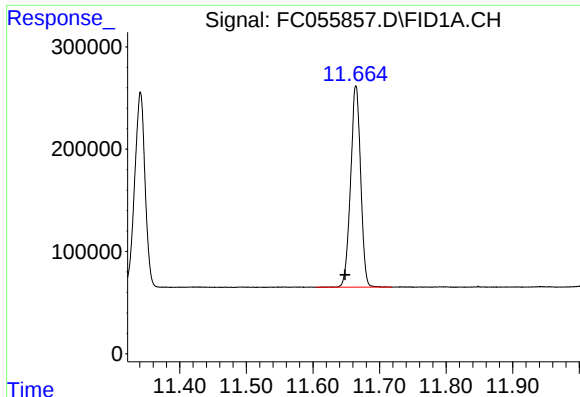
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: 0.013 min
Response: 2097074
Conc: 18.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.341 min
Delta R.T.: 0.014 min
Response: 2054119
Conc: 17.31 ug/ml



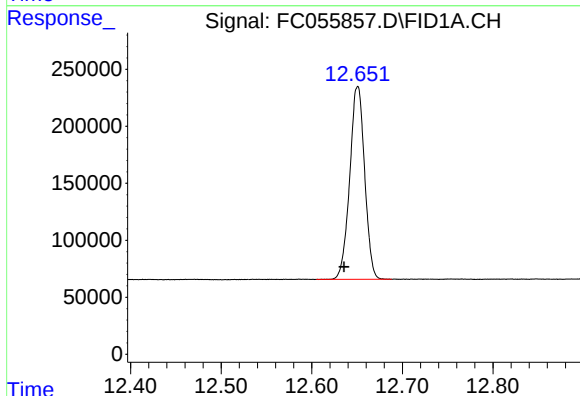
#9 ortho-Terphenyl (SURR)

R.T.: 11.665 min
Delta R.T.: 0.016 min
Response: 2064206
Conc: 16.35 ug/ml

Instrument :
FID_C
ClientSampleId :

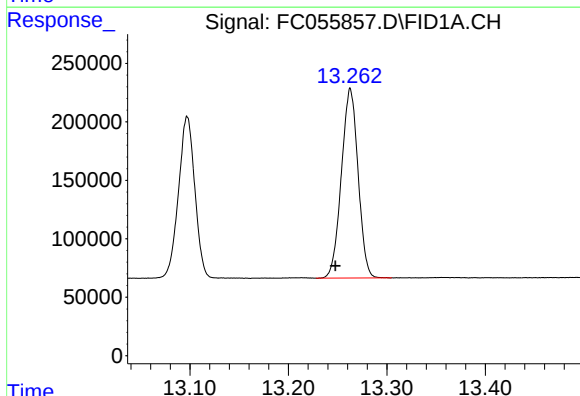
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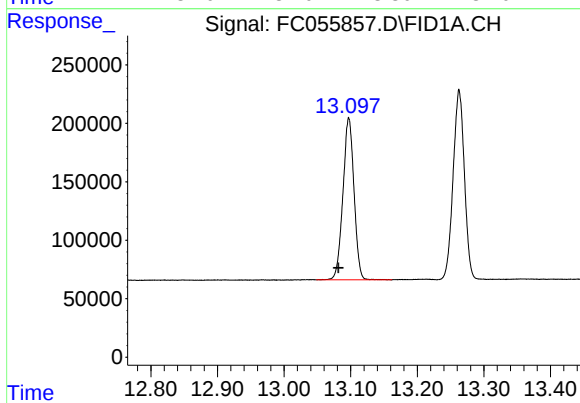
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: 0.015 min
Response: 1936722
Conc: 16.41 ug/ml



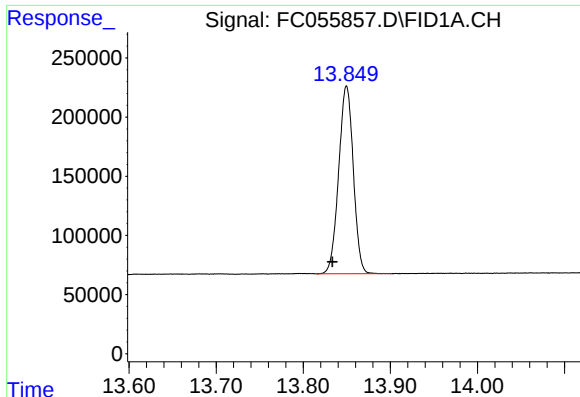
#11 n-Heneicosane (C21)

R.T.: 13.263 min
Delta R.T.: 0.015 min
Response: 1911040
Conc: 16.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.097 min
Delta R.T.: 0.016 min
Response: 1602992
Conc: 16.22 ug/ml



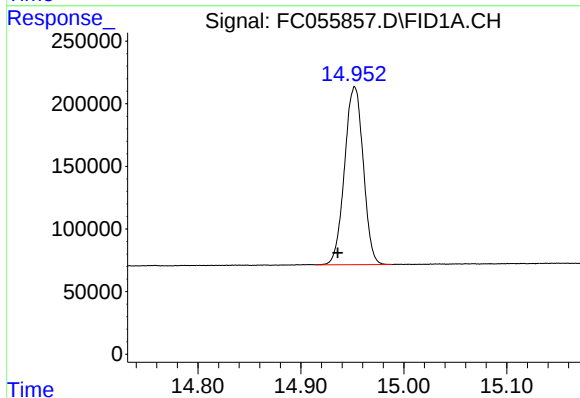
#13 n-Docosane (C22)

R.T.: 13.850 min
Delta R.T.: 0.016 min
Response: 1849710
Conc: 15.61 ug/ml

Instrument :
FID_C
ClientSampleId :

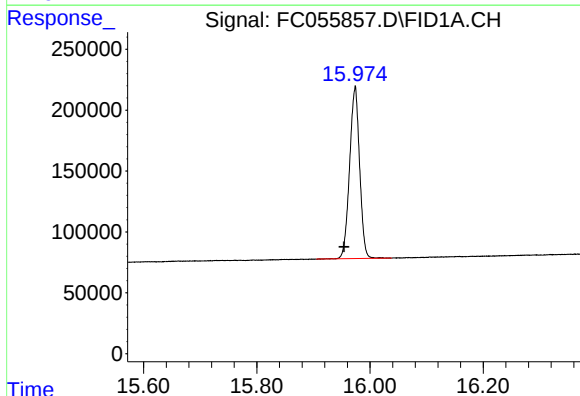
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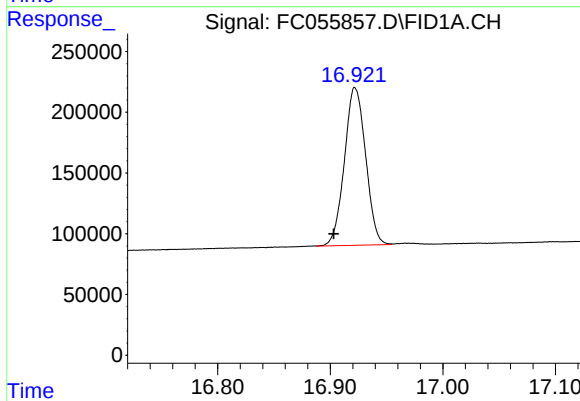
#14 n-Tetracosane (C24)

R.T.: 14.952 min
Delta R.T.: 0.016 min
Response: 1790956
Conc: 15.14 ug/ml



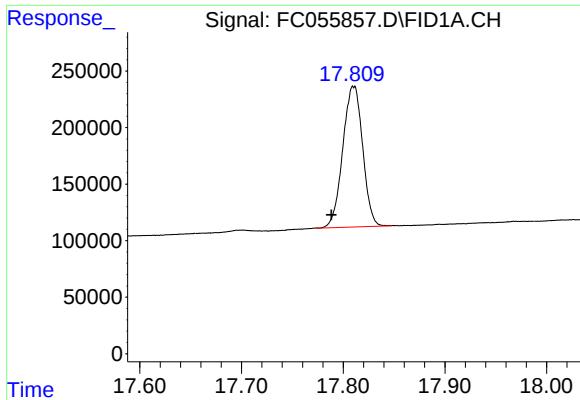
#15 n-Hexacosane (C26)

R.T.: 15.973 min
Delta R.T.: 0.019 min
Response: 1728254
Conc: 15.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.921 min
Delta R.T.: 0.018 min
Response: 1702440
Conc: 15.65 ug/ml m



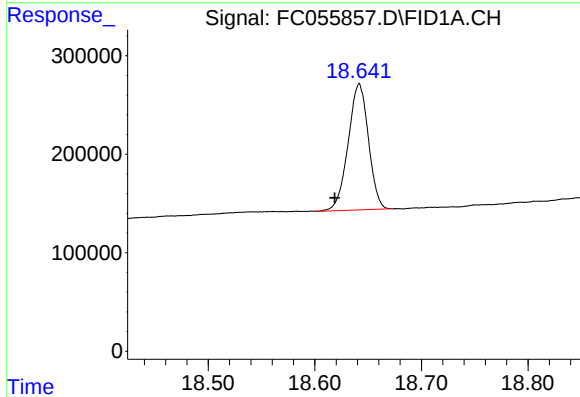
#17 n-Tricontane (C30)

R.T.: 17.809 min
Delta R.T.: 0.020 min
Response: 1693864
Conc: 16.74 ug/ml m

Instrument :
FID_C
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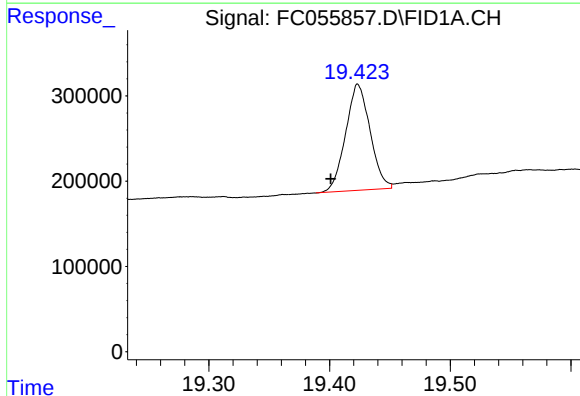
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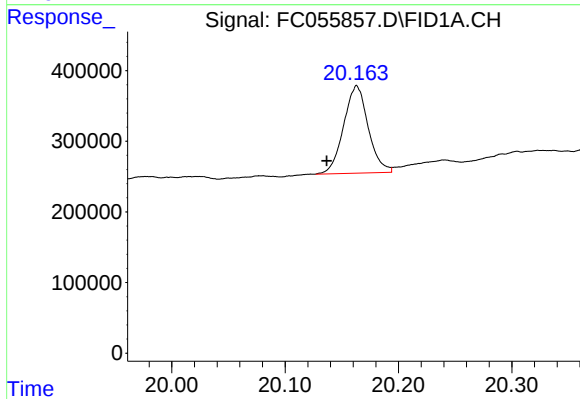
#18 n-Dotriacontane (C32)

R.T.: 18.641 min
Delta R.T.: 0.023 min
Response: 1695330
Conc: 18.55 ug/ml m



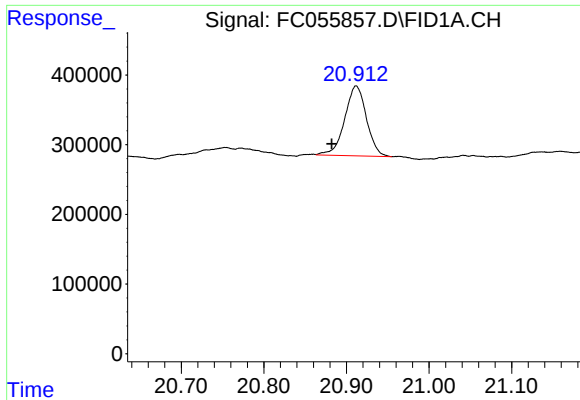
#19 n-Tetratriacontane (C34)

R.T.: 19.423 min
Delta R.T.: 0.022 min
Response: 1755600
Conc: 20.33 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.163 min
Delta R.T.: 0.026 min
Response: 1868149
Conc: 21.96 ug/ml m



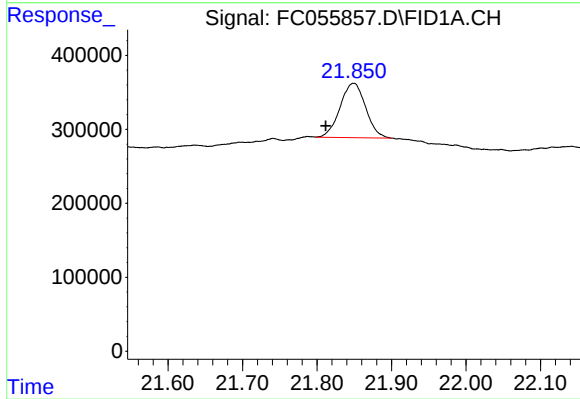
#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: 0.030 min
Response: 1835932
Conc: 24.12 ug/ml m

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.850 min
Delta R.T.: 0.038 min
Response: 1749893
Conc: 24.98 ug/ml m