

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042621AL\
 Data File : FC053398.D
 Signal(s) : FID1A.CH
 Acq On : 26 Apr 2021 15:37
 Operator : DD\AJ
 Sample : PB135939BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB135939BSD

Manual Integrations
 APPROVED

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 4/27/2021 1:58:49 PM

Integration File: autoint1.e
 Quant Time: Apr 27 01:27:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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)	11.560	5458147	39.439 ug/ml
Spiked Amount 50.000		Recovery =	78.88%
12) S 1-chlorooctadecane (S...	13.001	4225254	39.039 ug/ml
Spiked Amount 50.000		Recovery =	78.08%
Target Compounds			
1) T n-Nonane (C9)	3.321	6545401	56.419 ug/ml
2) T n-Decane (C10)	4.381	6975119	59.599 ug/ml
3) T A~Naphthalene (C11.7)	5.964	7842681	60.284 ug/ml
4) T n-Dodecane (C12)	6.397	7383087	61.869 ug/ml
5) T A~2-methylnaphthalene...	7.023	7713205	58.355 ug/ml
6) T n-Tetradecane (C14)	8.198	7470447	61.382 ug/ml
7) T n-Hexadecane (C16)	9.800	7356396	61.137 ug/ml
8) T n-Octadecane (C18)	11.246	7262106	57.312 ug/ml
10) T n-Eicosane (C20)	12.558	6746321	52.607 ug/ml
11) T n-Heneicosane (C21)	13.170	6554672	51.038 ug/ml
13) T n-Docosane (C22)	13.758	6399839	49.657 ug/ml
14) T n-Tetracosane (C24)	14.857	12332377	95.485 ug/ml
15) T n-Hexacosane (C26)	15.887	5903327	45.935 ug/ml
16) T n-Octacosane (C28)	16.837	6011832	46.420 ug/ml
17) T n-Tricontane (C30)	17.729	5892736	43.760 ug/ml
18) T n-Dotriacontane (C32)	18.561	5736164	41.826 ug/ml
19) T n-Tetratriacontane (C34)	19.346	5668055	43.434 ug/ml
20) T n-Hexatriacontane (C36)	20.086	5590565	46.174 ug/mlm
21) T n-Octatriacontane (C38)	20.822	5482661	52.032 ug/mlm
22) T n-Tetracontane (C40)	21.731	5891242	56.266 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH
Acq On : 26 Apr 2021 15:37
Operator : DD\AJ
Sample : PB135939BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

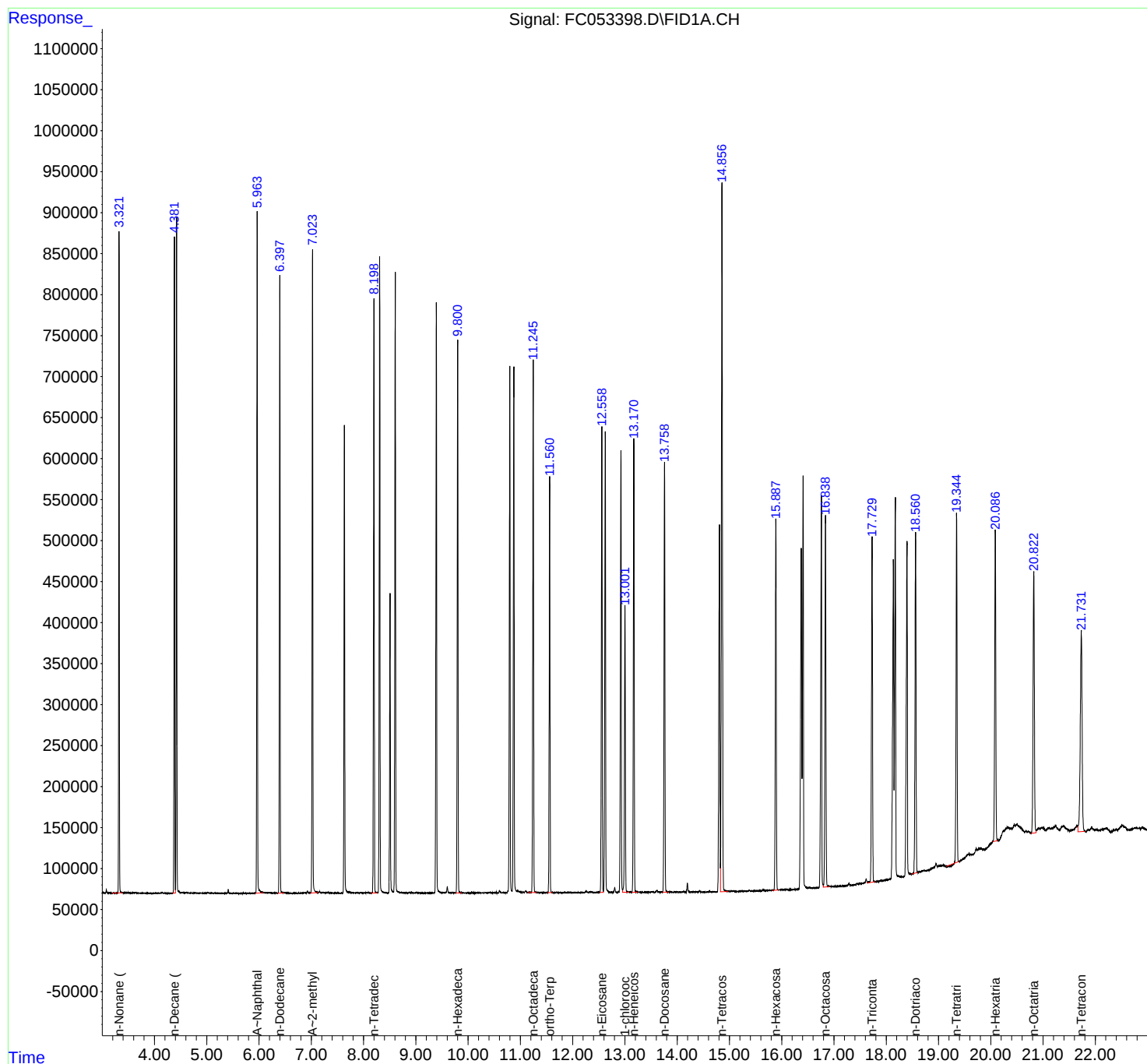
Instrument :
FID_C
ClientSampled :
PB135939BSD

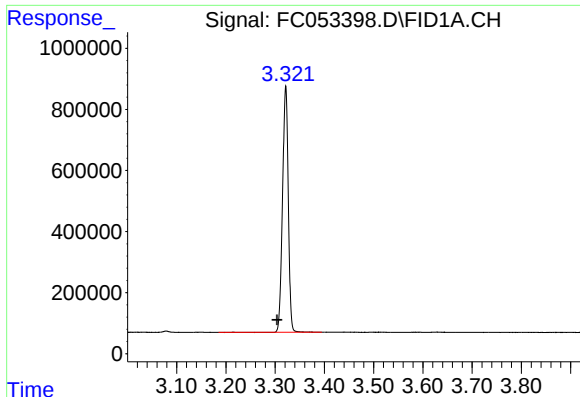
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Integration File: autoint1.e
Quant Time: Apr 27 01:27:29 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042021.M
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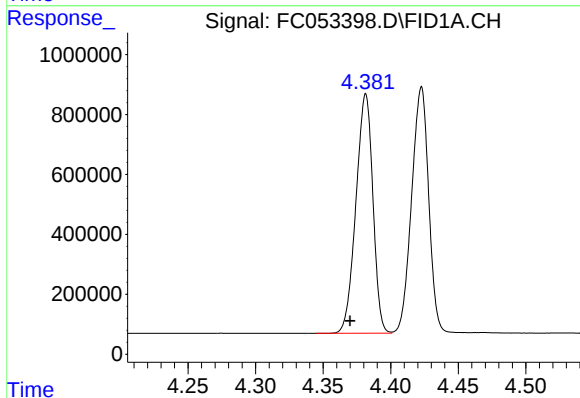
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: 0.017 min
Response: 6545401
Conc: 56.42 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135939BSD

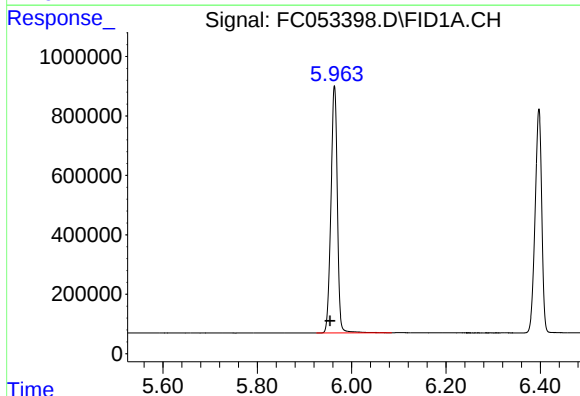
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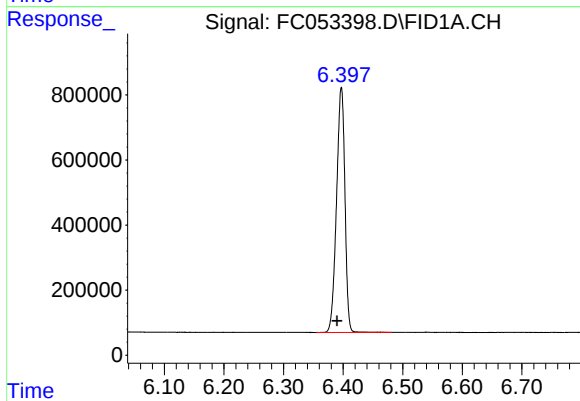
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.011 min
Response: 6975119
Conc: 59.60 ug/ml



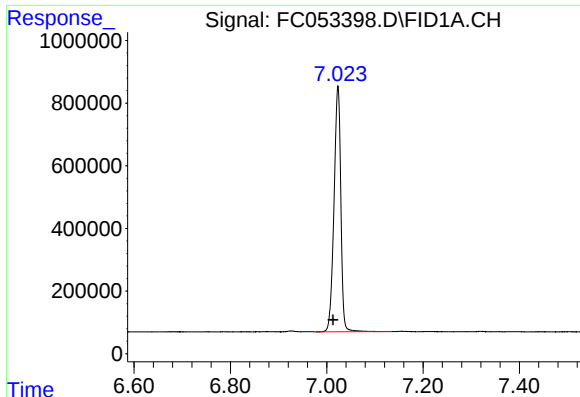
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: 0.009 min
Response: 7842681
Conc: 60.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.397 min
Delta R.T.: 0.007 min
Response: 7383087
Conc: 61.87 ug/ml



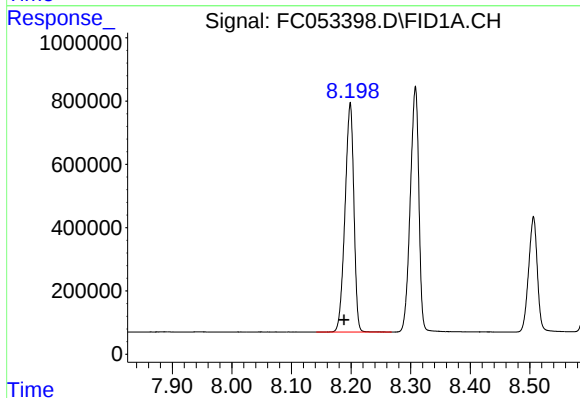
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: 0.010 min
Response: 7713205
Conc: 58.35 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135939BSD

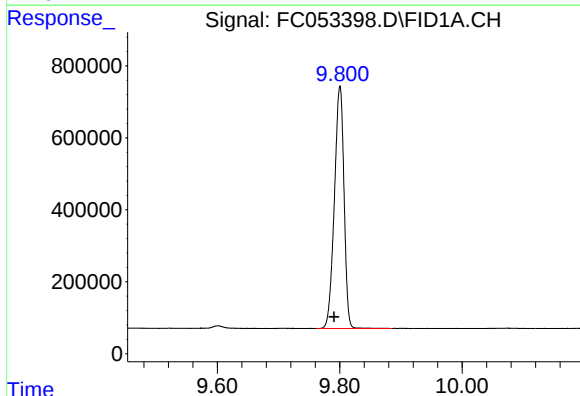
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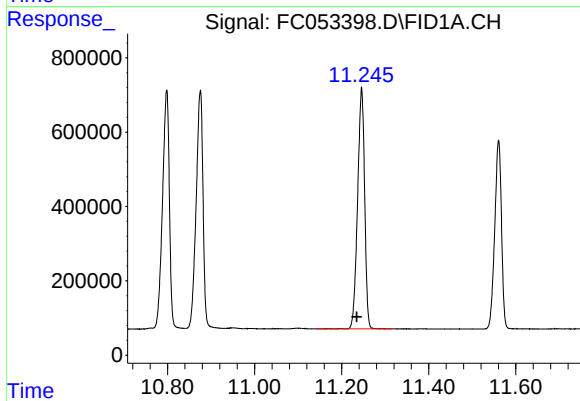
#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: 0.010 min
Response: 7470447
Conc: 61.38 ug/ml



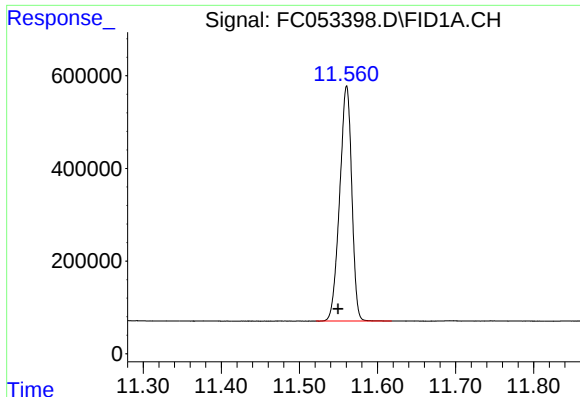
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: 0.009 min
Response: 7356396
Conc: 61.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.246 min
Delta R.T.: 0.011 min
Response: 7262106
Conc: 57.31 ug/ml



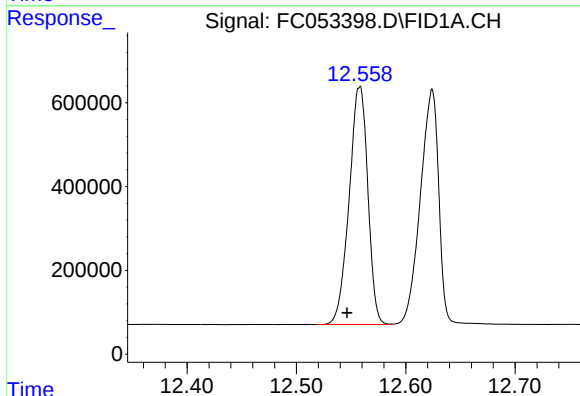
#9 ortho-Terphenyl (SURR)

R.T.: 11.560 min
Delta R.T.: 0.011 min
Response: 5458147
Conc: 39.44 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135939BSD

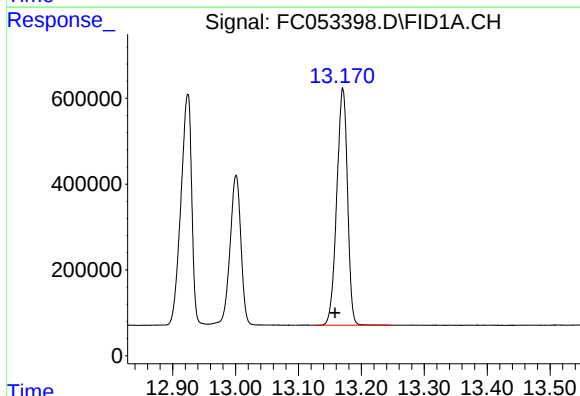
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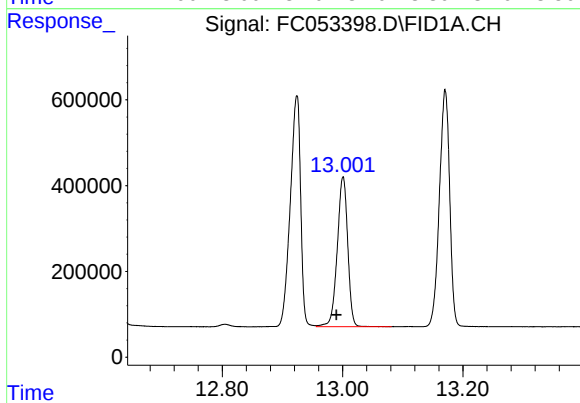
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: 0.012 min
Response: 6746321
Conc: 52.61 ug/ml



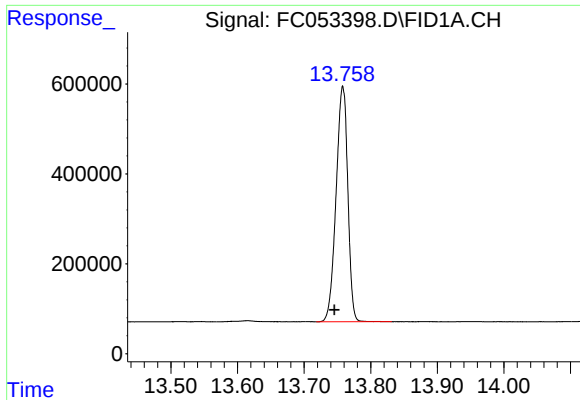
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.012 min
Response: 6554672
Conc: 51.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.001 min
Delta R.T.: 0.011 min
Response: 4225254
Conc: 39.04 ug/ml



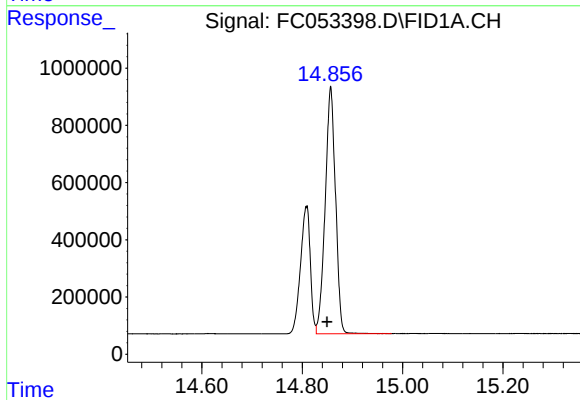
#13 n-Docosane (C22)

R.T.: 13.758 min
Delta R.T.: 0.012 min
Response: 6399839
Conc: 49.66 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135939BSD

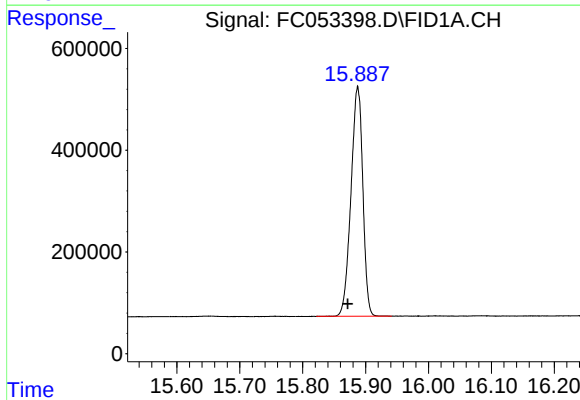
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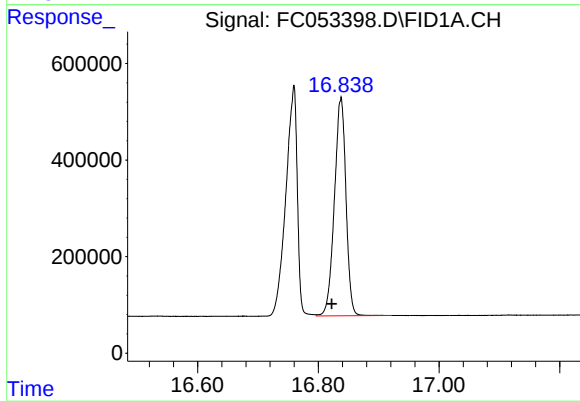
#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: 0.007 min
Response: 12332377
Conc: 95.48 ug/ml



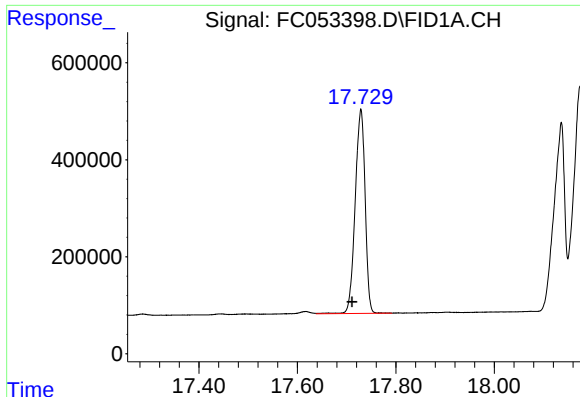
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: 0.016 min
Response: 5903327
Conc: 45.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: 0.015 min
Response: 6011832
Conc: 46.42 ug/ml



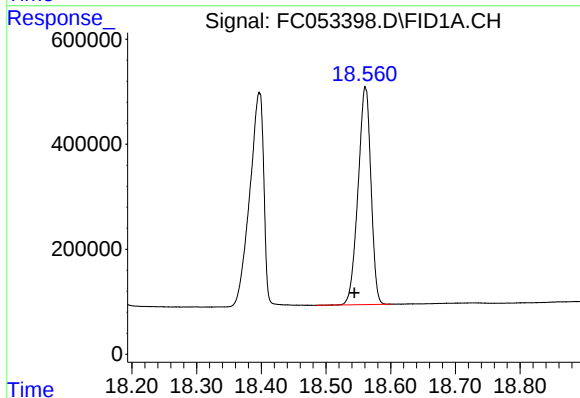
#17 n-Tricontane (C30)

R.T.: 17.729 min
Delta R.T.: 0.018 min
Response: 5892736
Conc: 43.76 ug/ml

Instrument :
FID_C
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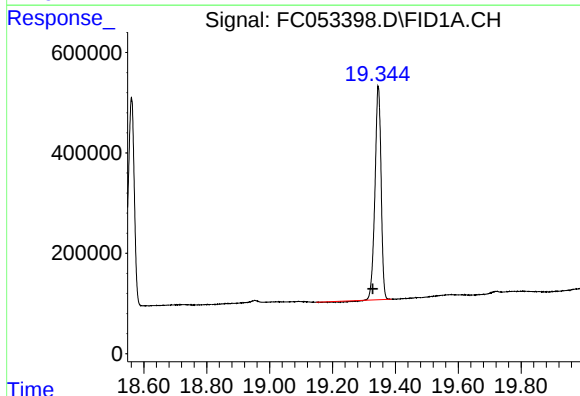
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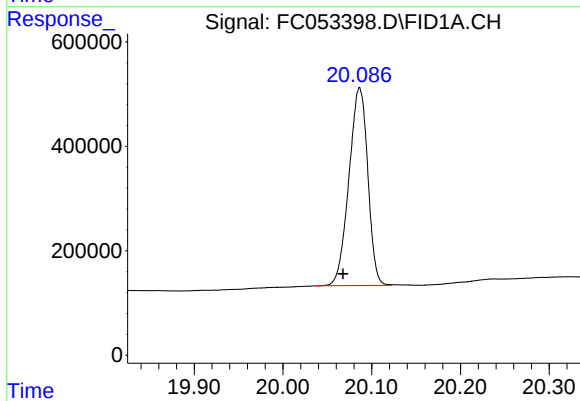
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: 0.017 min
Response: 5736164
Conc: 41.83 ug/ml



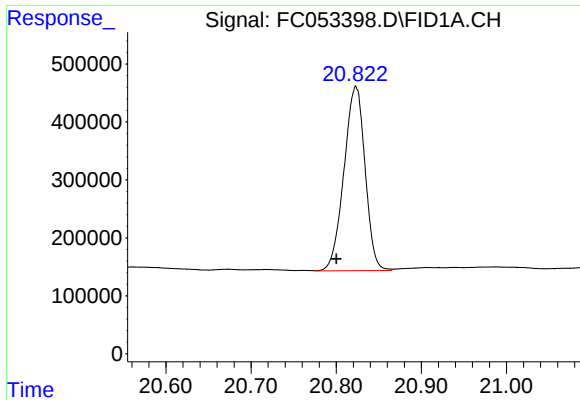
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: 0.018 min
Response: 5668055
Conc: 43.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.086 min
Delta R.T.: 0.018 min
Response: 5590565
Conc: 46.17 ug/ml m



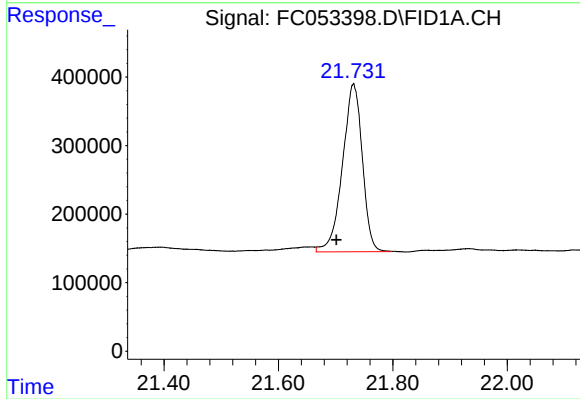
#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: 0.022 min
Response: 5482661
Conc: 52.03 ug/ml m

Instrument :
FID_C
ClientSampleId :
PB135939BSD

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#22 n-Tetracontane (C40)

R.T.: 21.731 min
Delta R.T.: 0.030 min
Response: 5891242
Conc: 56.27 ug/ml m