

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070319AL\
 Data File : FC042198.D
 Signal(s) : FID1A.CH
 Acq On : 03 Jul 2019 19:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 7/5/2019 10:03:09 AM

Integration File: autoint1.e
 Quant Time: Jul 03 22:47:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:03:58 2019
 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)	11.698	2539604	19.089 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
12) S 1-chlorooctadecane (S...	13.121	2036564	18.534 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
Target Compounds			
1) T n-Nonane (C9)	3.495	2527526	21.749 ug/ml
2) T n-Decane (C10)	4.558	2572053	21.857 ug/ml
3) T A~Naphthalene (C11.7)	6.145	2802229	21.084 ug/ml
4) T n-Dodecane (C12)	6.564	2586653	21.780 ug/ml
5) T A~2-methylnaphthalene...	7.195	2776066	20.850 ug/ml
6) T n-Tetradecane (C14)	8.347	2588278	21.417 ug/ml
7) T n-Hexadecane (C16)	9.939	2551440	20.819 ug/ml
8) T n-Octadecane (C18)	11.374	2482135	20.032 ug/ml
10) T n-Eicosane (C20)	12.677	2408635	19.036 ug/ml
11) T n-Heneicosane (C21)	13.286	2352096	18.630 ug/ml
13) T n-Docosane (C22)	13.870	2295944	18.171 ug/ml
14) T n-Tetracosane (C24)	14.968	2225521	17.491 ug/ml
15) T n-Hexacosane (C26)	15.985	2163712	17.428 ug/ml
16) T n-Octacosane (C28)	16.933	2151909	17.660 ug/ml
17) T n-Tricontane (C30)	17.818	2113053	18.128 ug/ml
18) T n-Dotriacontane (C32)	18.646	1983173	18.368 ug/ml
19) T n-Tetratriacontane (C34)	19.427	1668486	19.390 ug/ml
20) T n-Hexatriacontane (C36)	20.163	1517793	19.581 ug/mlm
21) T n-Octatriacontane (C38)	20.913	1449470	21.919 ug/mlm
22) T n-Tetracontane (C40)	21.848	1534526	22.714 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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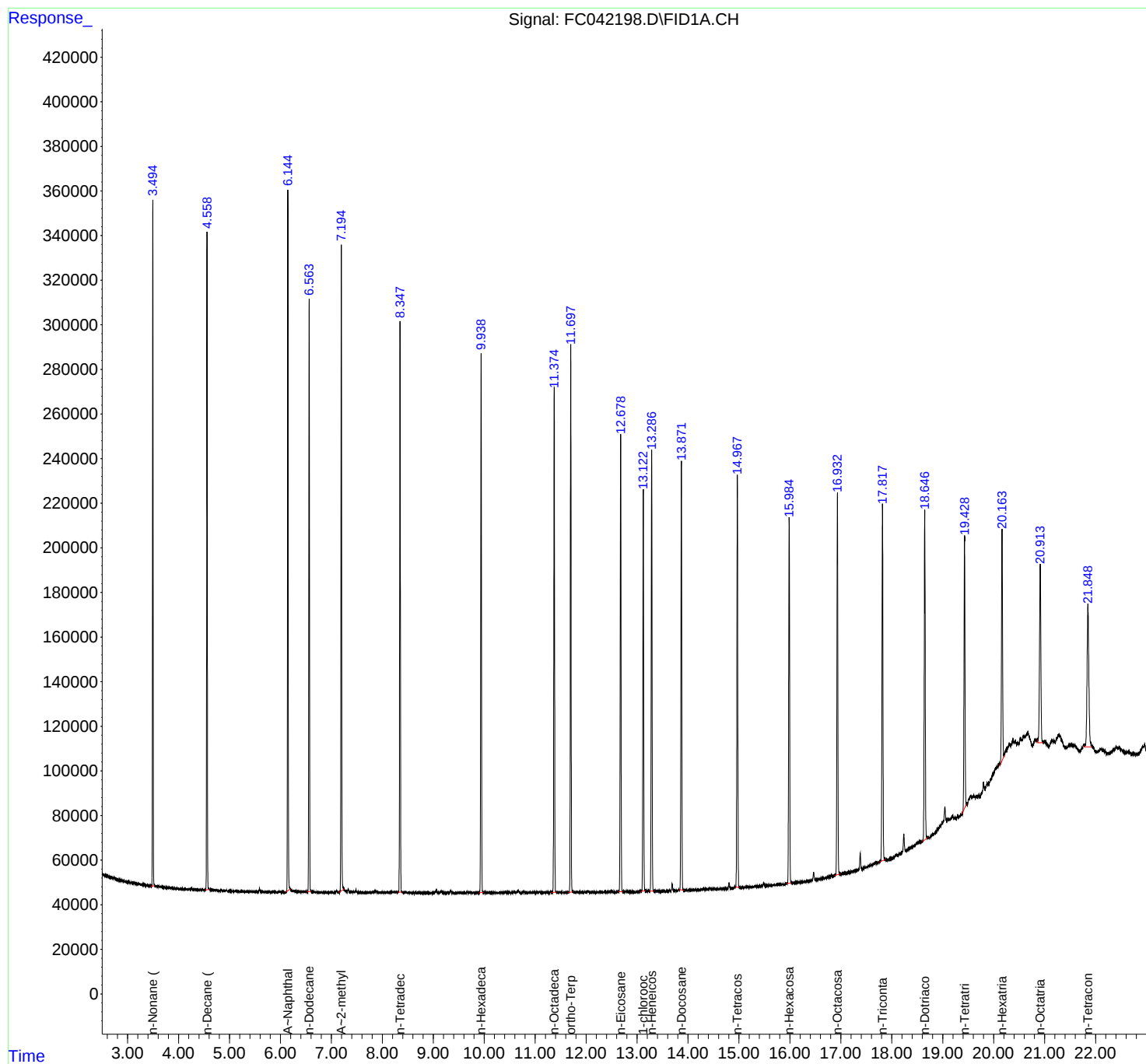
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FID_C
ClientSampleId :

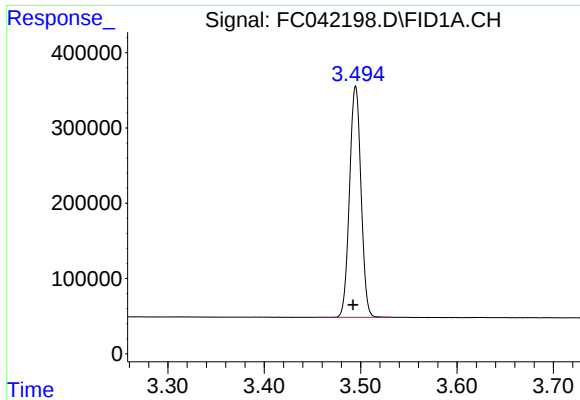
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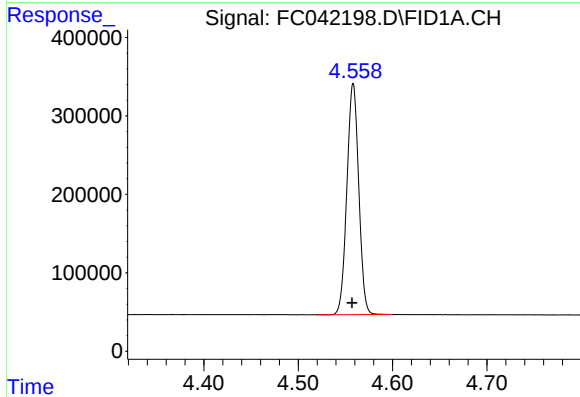
#1 n-Nonane (C9)

R.T.: 3.495 min
Delta R.T.: 0.003 min
Response: 2527526
Conc: 21.75 ug/ml

Instrument :
FID_C
ClientSampleId :

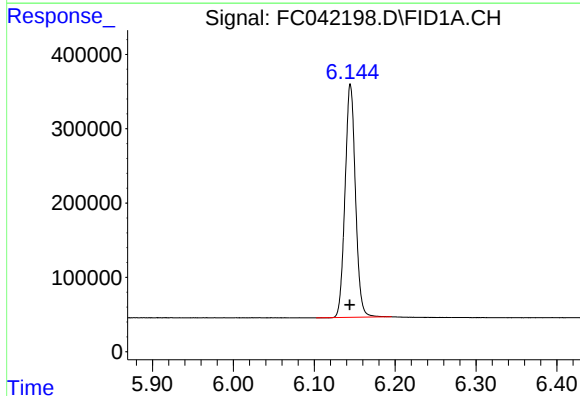
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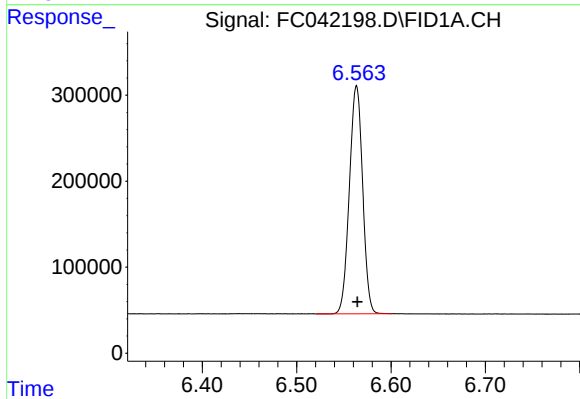
#2 n-Decane (C10)

R.T.: 4.558 min
Delta R.T.: 0.001 min
Response: 2572053
Conc: 21.86 ug/ml



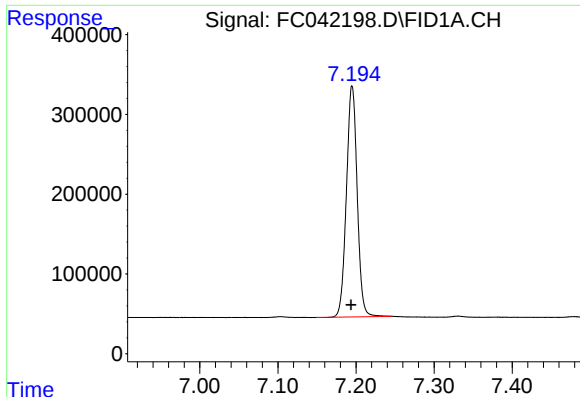
#3 A~Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 2802229
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 2586653
Conc: 21.78 ug/ml



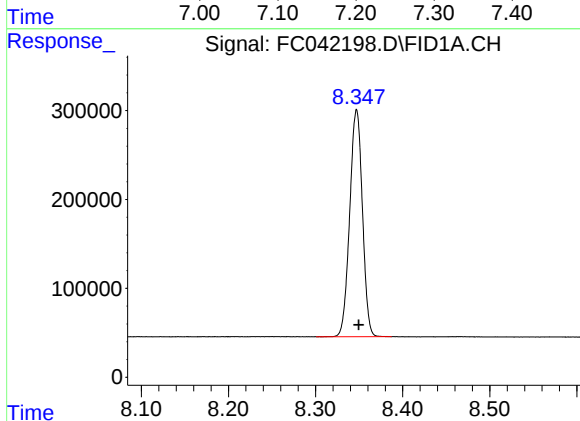
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.195 min
Delta R.T.: 0.001 min
Response: 2776066
Conc: 20.85 ug/ml

Instrument :
FID_C
ClientSampleId :

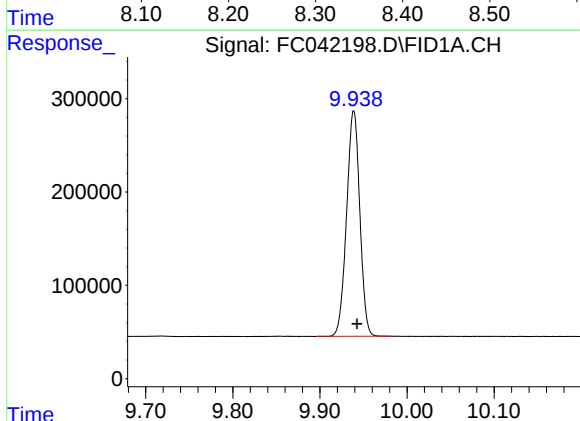
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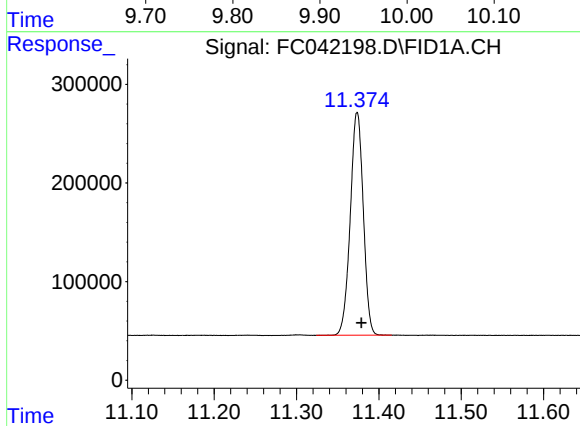
#6 n-Tetradecane (C14)

R.T.: 8.347 min
Delta R.T.: -0.002 min
Response: 2588278
Conc: 21.42 ug/ml



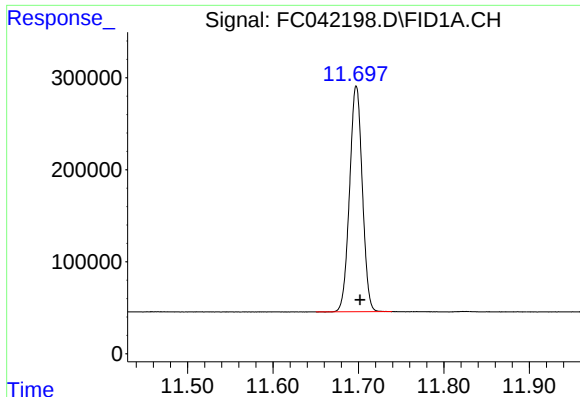
#7 n-Hexadecane (C16)

R.T.: 9.939 min
Delta R.T.: -0.004 min
Response: 2551440
Conc: 20.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.374 min
Delta R.T.: -0.005 min
Response: 2482135
Conc: 20.03 ug/ml



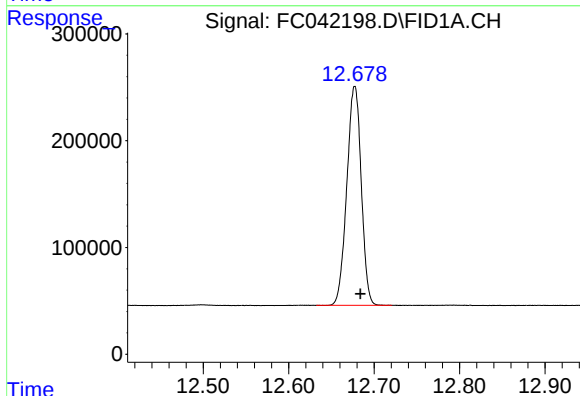
#9 ortho-Terphenyl (SURR)

R.T.: 11.698 min
Delta R.T.: -0.005 min
Response: 2539604
Conc: 19.09 ug/ml

Instrument :
FID_C
ClientSampleId :

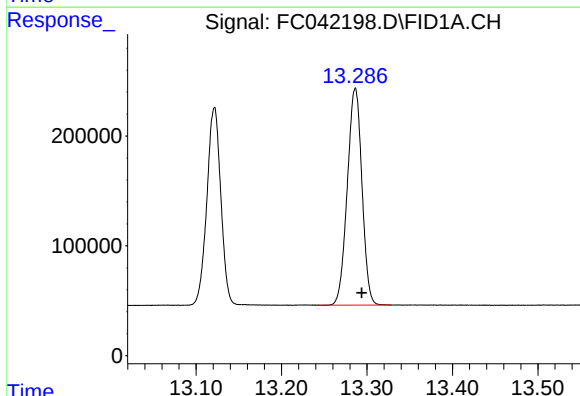
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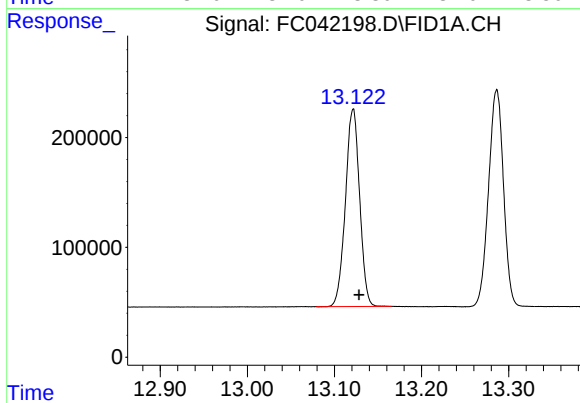
#10 n-Eicosane (C20)

R.T.: 12.677 min
Delta R.T.: -0.007 min
Response: 2408635
Conc: 19.04 ug/ml



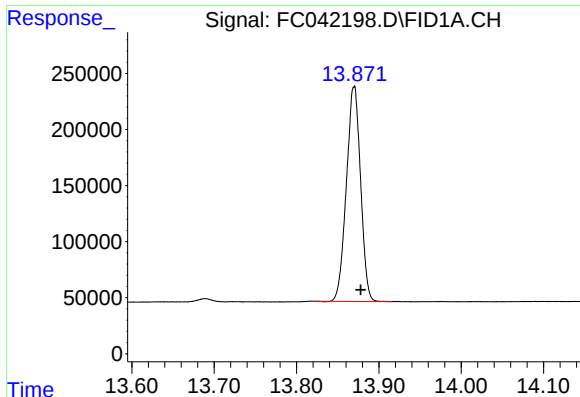
#11 n-Heneicosane (C21)

R.T.: 13.286 min
Delta R.T.: -0.007 min
Response: 2352096
Conc: 18.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.121 min
Delta R.T.: -0.007 min
Response: 2036564
Conc: 18.53 ug/ml



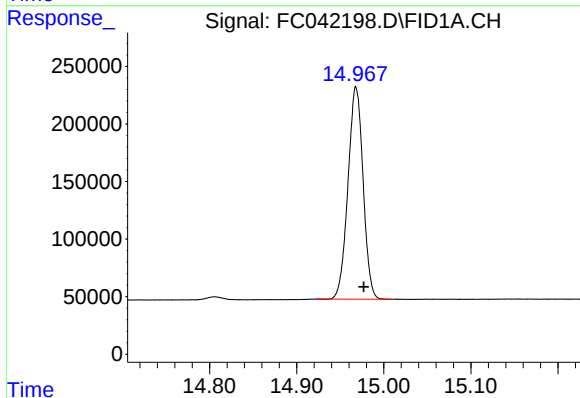
#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: -0.008 min
Response: 2295944
Conc: 18.17 ug/ml

Instrument :
FID_C
ClientSampleId :

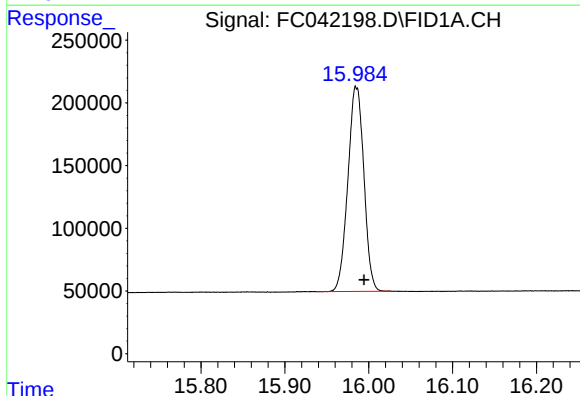
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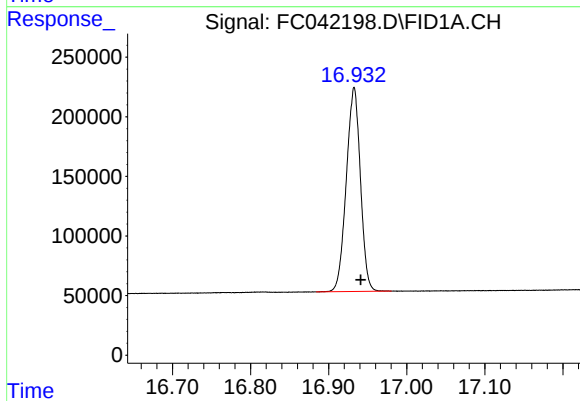
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.009 min
Response: 2225521
Conc: 17.49 ug/ml



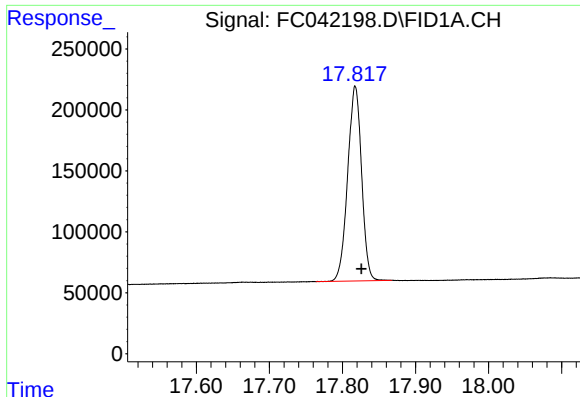
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: -0.009 min
Response: 2163712
Conc: 17.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.933 min
Delta R.T.: -0.008 min
Response: 2151909
Conc: 17.66 ug/ml



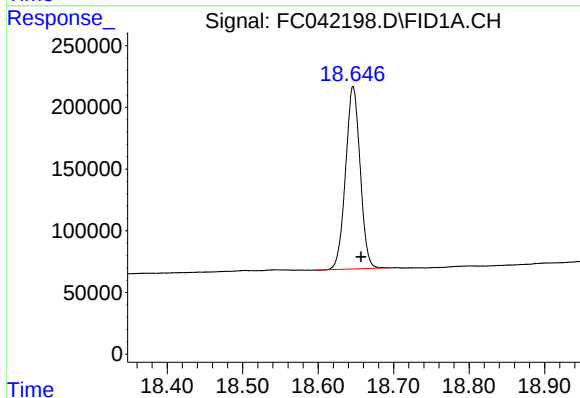
#17 n-Tricontane (C30)

R.T.: 17.818 min
Delta R.T.: -0.009 min
Response: 2113053
Conc: 18.13 ug/ml

Instrument :
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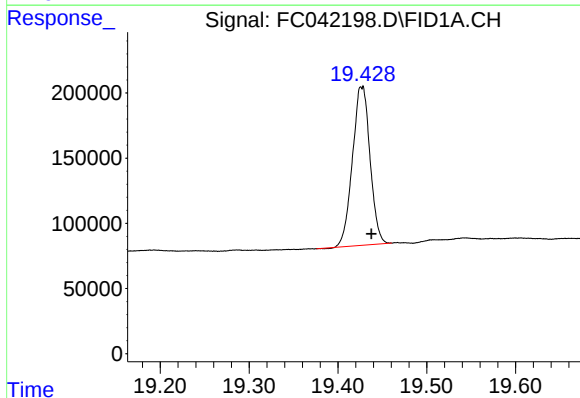
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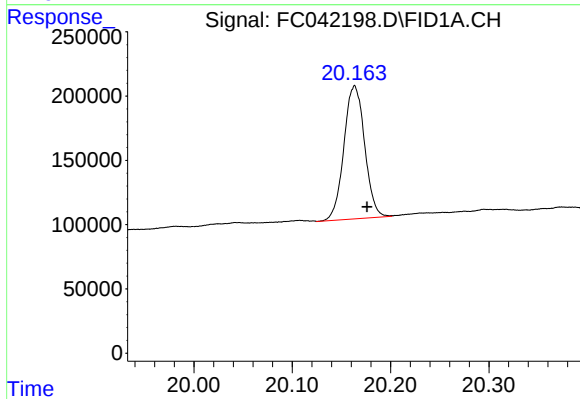
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: -0.011 min
Response: 1983173
Conc: 18.37 ug/ml



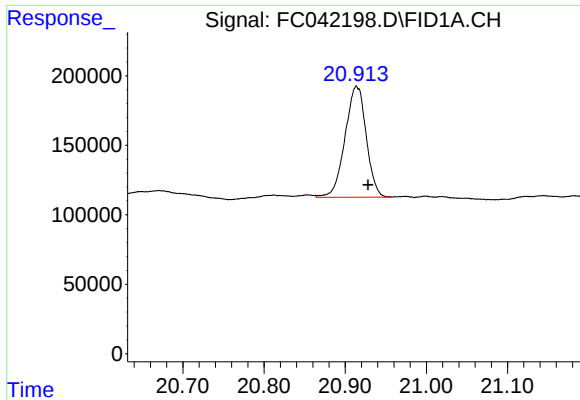
#19 n-Tetratriacontane (C34)

R.T.: 19.427 min
Delta R.T.: -0.011 min
Response: 1668486
Conc: 19.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.163 min
Delta R.T.: -0.013 min
Response: 1517793
Conc: 19.58 ug/ml m



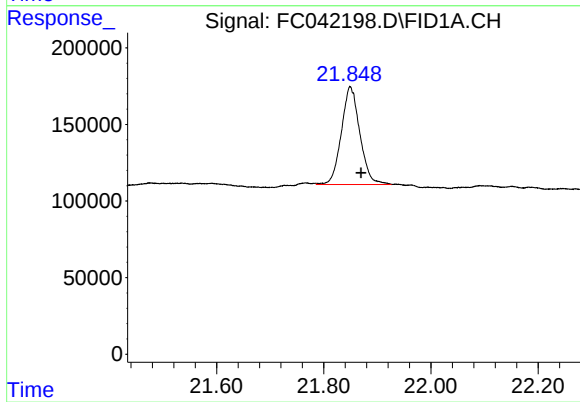
#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: -0.015 min
Response: 1449470
Conc: 21.92 ug/ml m

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.848 min
Delta R.T.: -0.022 min
Response: 1534526
Conc: 22.71 ug/ml m