

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080521AL\
 Data File : FC055036.D
 Signal(s) : FID1A.CH
 Acq On : 05 Aug 2021 22:49
 Operator : AJ\MA
 Sample : M3291-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-2-EPH-2MSD

Manual Integrations
 APPROVED

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 8/6/2021 3:10:20 PM

Integration File: autoint1.e
 Quant Time: Aug 06 04:13:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.308	4915590	39.044 ug/ml
Spiked Amount 50.000		Recovery =	78.09%
12) S 1-chlorooctadecane (S...	12.748	4066120	41.028 ug/ml
Spiked Amount 50.000		Recovery =	82.06%
Target Compounds			
1) T n-Nonane (C9)	3.146	3851158	36.830 ug/ml
2) T n-Decane (C10)	4.194	4612003	43.796 ug/ml
3) T A~Naphthalene (C11.7)	5.754	5168644	47.568 ug/ml
4) T n-Dodecane (C12)	6.193	5239941	48.254 ug/ml
5) T A~2-methylnaphthalene...	6.804	5384204	49.333 ug/ml
6) T n-Tetradecane (C14)	7.979	5620372	50.345 ug/ml
7) T n-Hexadecane (C16)	9.571	6072098	53.239 ug/ml
8) T n-Octadecane (C18)	11.006	6516065	55.257 ug/ml
10) T n-Eicosane (C20)	12.310	6318836	53.822 ug/ml
11) T n-Heneicosane (C21)	12.919	6289741	53.269 ug/ml
13) T n-Docosane (C22)	13.502	6149791	52.654 ug/ml
14) T n-Tetracosane (C24)	14.602	6127489	52.938 ug/mlm
15) T n-Hexacosane (C26)	15.620	5709018	50.941 ug/ml
16) T n-Octacosane (C28)	16.565	5632573	51.878 ug/ml
17) T n-Tricontane (C30)	17.452	5224067	50.034 ug/ml
18) T n-Dotriacontane (C32)	18.279	5000529	50.493 ug/ml
19) T n-Tetratriacontane (C34)	19.061	4748557	50.101 ug/ml
20) T n-Hexatriacontane (C36)	19.798	4529211	50.121 ug/ml
21) T n-Octatriacontane (C38)	20.502	4398742	50.909 ug/mlm
22) T n-Tetracontane (C40)	21.310	4471394	50.210 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : M3291-06MSD
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ALS Vial : 13 Sample Multiplier: 1

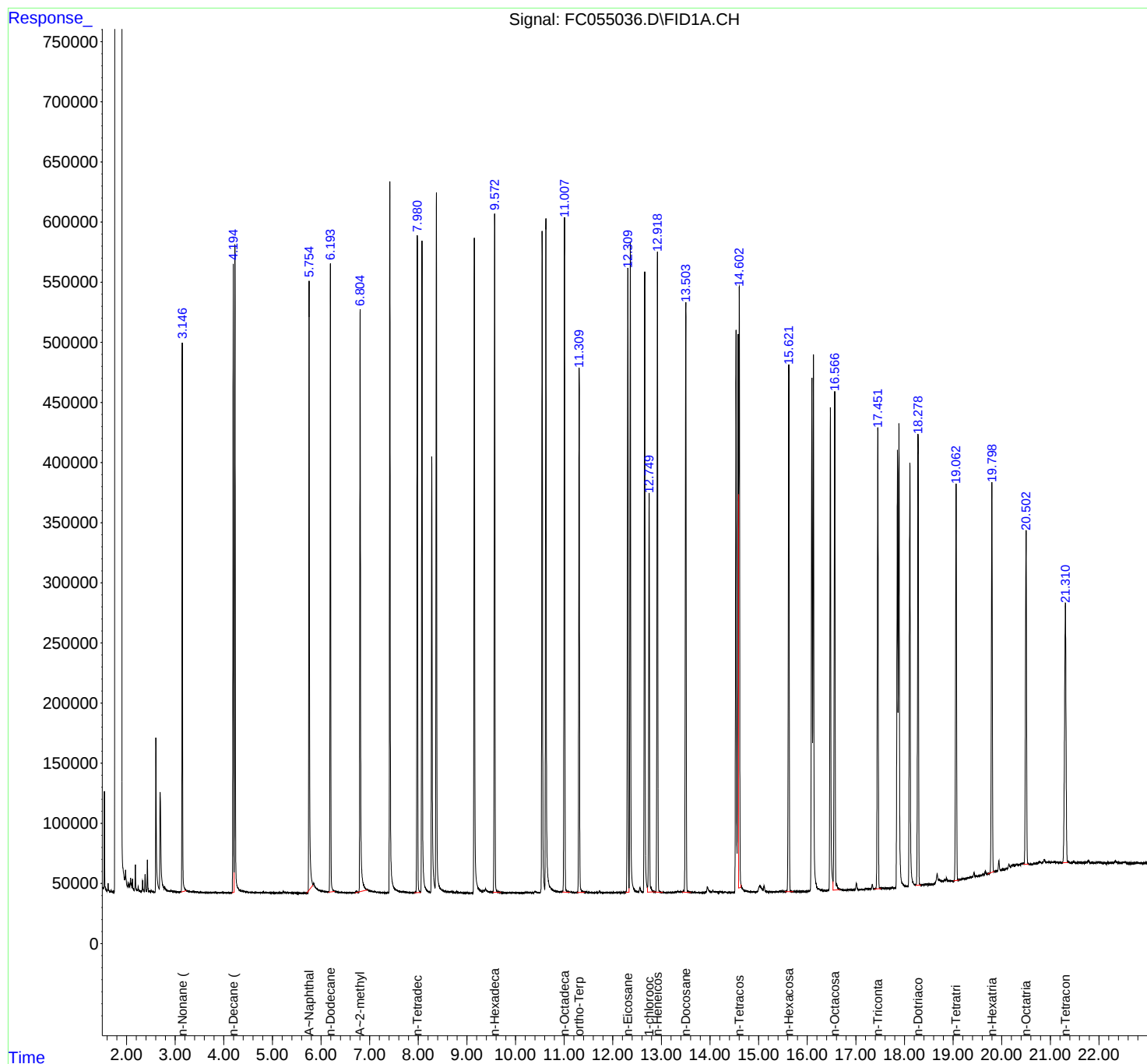
Instrument :
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ClientSampleId :
WC-2-EPH-2MSD

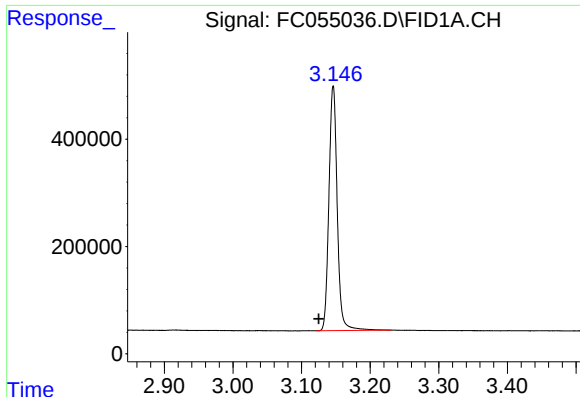
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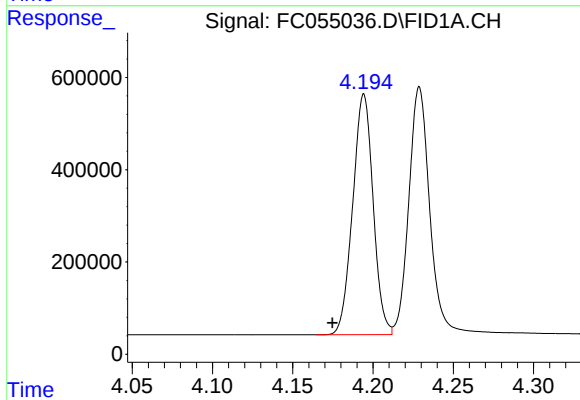
#1 n-Nonane (C9)

R.T.: 3.146 min
Delta R.T.: 0.021 min
Response: 3851158
Conc: 36.83 ug/ml

Instrument :
FID_C
ClientSampleId :
WC-2-EPH-2MSD

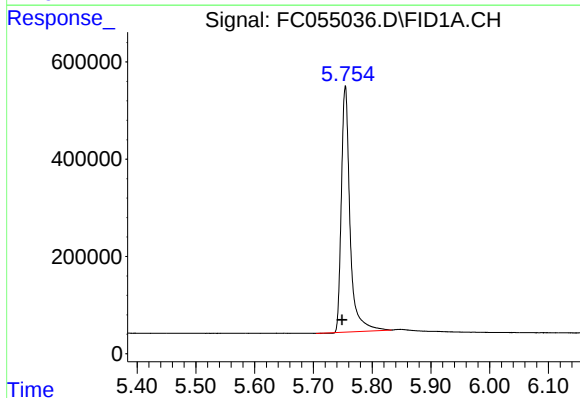
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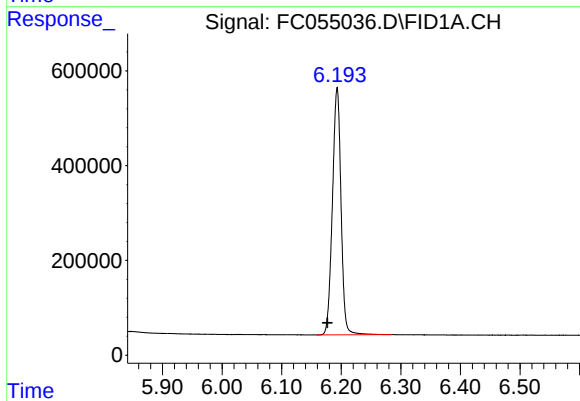
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.020 min
Response: 4612003
Conc: 43.80 ug/ml



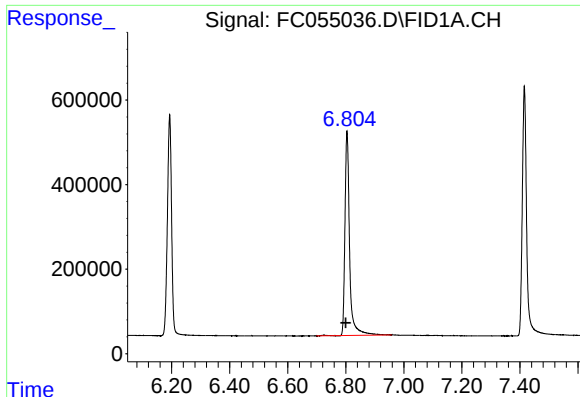
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: 0.006 min
Response: 5168644
Conc: 47.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.193 min
Delta R.T.: 0.016 min
Response: 5239941
Conc: 48.25 ug/ml



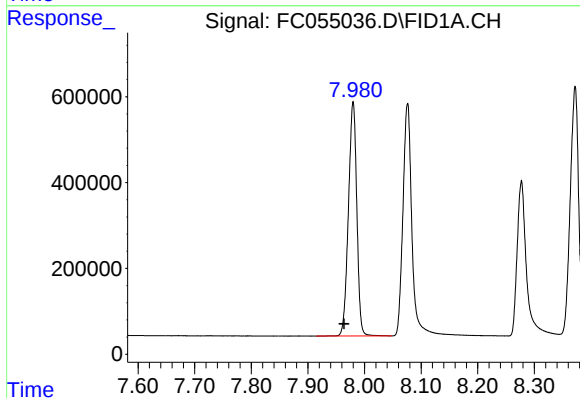
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: 0.004 min
Response: 5384204
Conc: 49.33 ug/ml

Instrument :
FID_C
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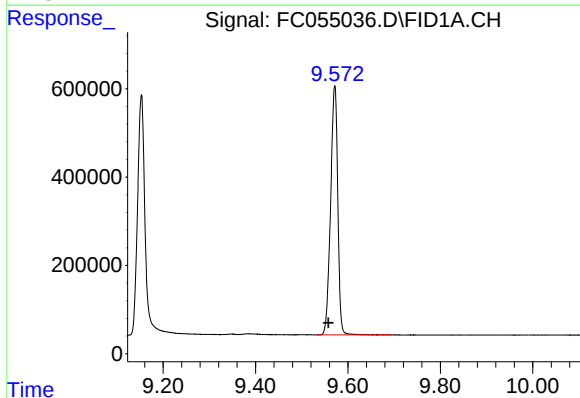
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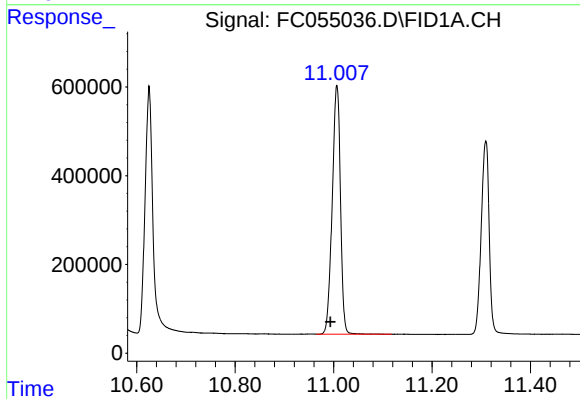
#6 n-Tetradecane (C14)

R.T.: 7.979 min
Delta R.T.: 0.016 min
Response: 5620372
Conc: 50.35 ug/ml



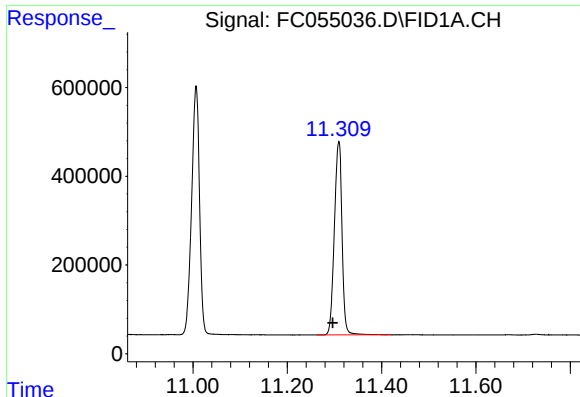
#7 n-Hexadecane (C16)

R.T.: 9.571 min
Delta R.T.: 0.013 min
Response: 6072098
Conc: 53.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.006 min
Delta R.T.: 0.012 min
Response: 6516065
Conc: 55.26 ug/ml



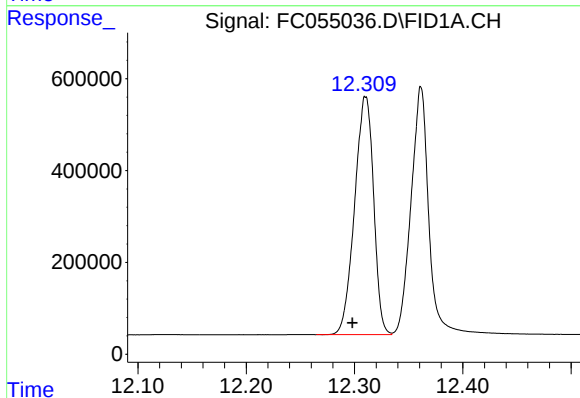
#9 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: 0.012 min
Response: 4915590
Conc: 39.04 ug/ml

Instrument :
FID_C
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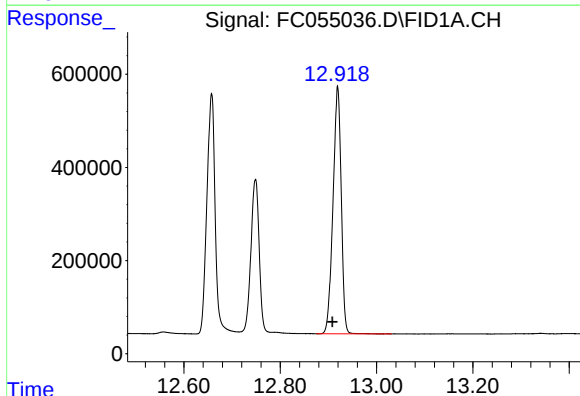
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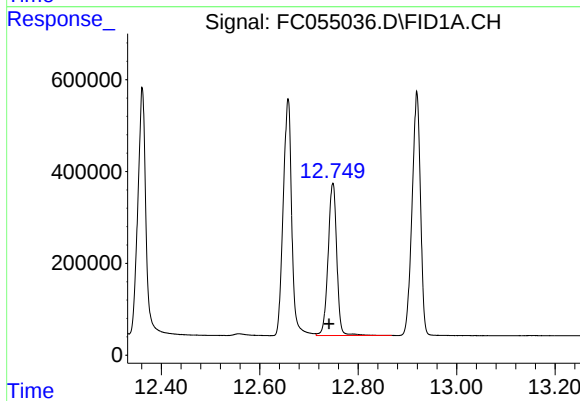
#10 n-Eicosane (C20)

R.T.: 12.310 min
Delta R.T.: 0.012 min
Response: 6318836
Conc: 53.82 ug/ml



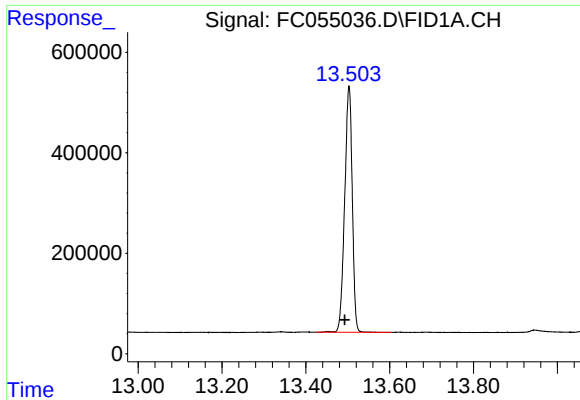
#11 n-Heneicosane (C21)

R.T.: 12.919 min
Delta R.T.: 0.011 min
Response: 6289741
Conc: 53.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.748 min
Delta R.T.: 0.007 min
Response: 4066120
Conc: 41.03 ug/ml



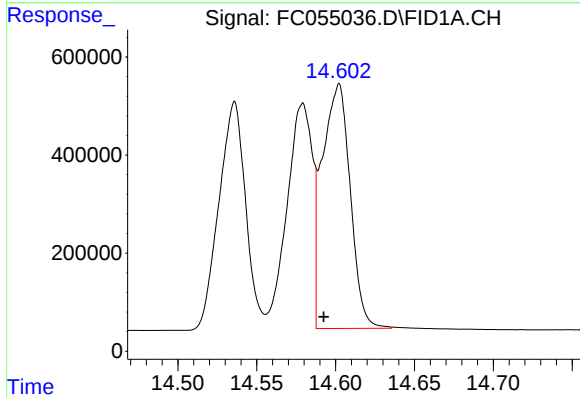
#13 n-Docosane (C22)

R.T.: 13.502 min
Delta R.T.: 0.009 min
Response: 6149791
Conc: 52.65 ug/ml

Instrument :
FID_C
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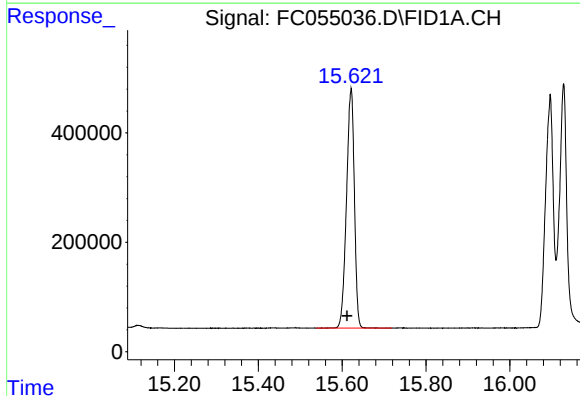
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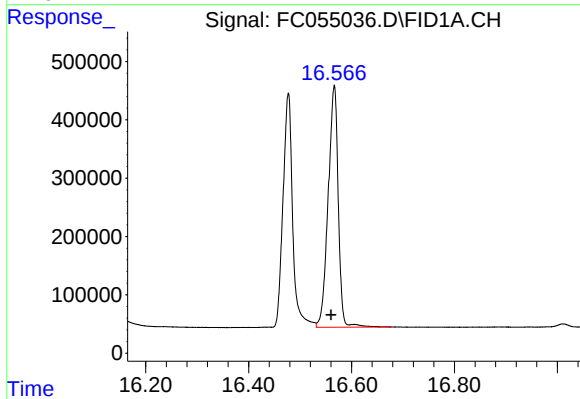
#14 n-Tetracosane (C24)

R.T.: 14.602 min
Delta R.T.: 0.010 min
Response: 6127489
Conc: 52.94 ug/ml m



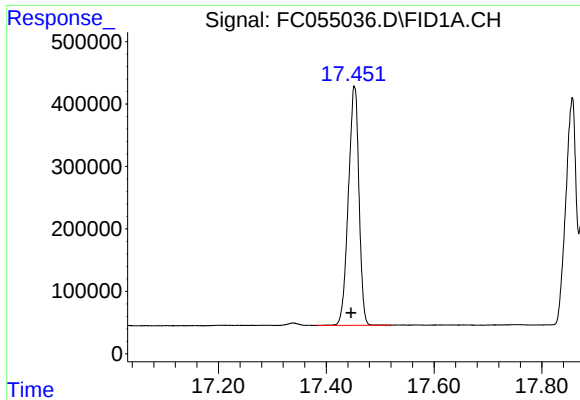
#15 n-Hexacosane (C26)

R.T.: 15.620 min
Delta R.T.: 0.009 min
Response: 5709018
Conc: 50.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.565 min
Delta R.T.: 0.005 min
Response: 5632573
Conc: 51.88 ug/ml



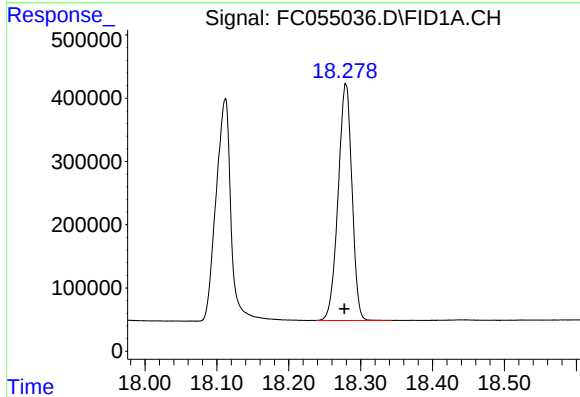
#17 n-Tricontane (C30)

R.T.: 17.452 min
Delta R.T.: 0.005 min
Response: 5224067
Conc: 50.03 ug/ml

Instrument :
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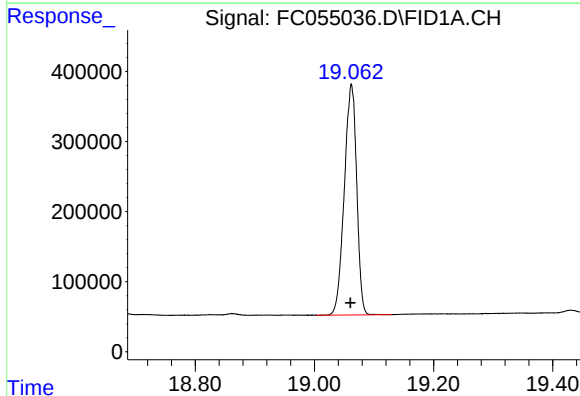
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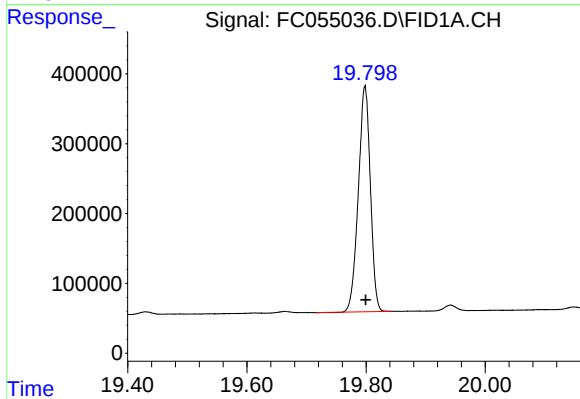
#18 n-Dotriacontane (C32)

R.T.: 18.279 min
Delta R.T.: 0.002 min
Response: 5000529
Conc: 50.49 ug/ml



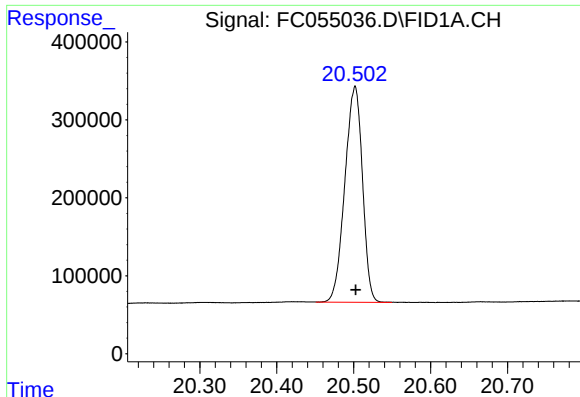
#19 n-Tetratriacontane (C34)

R.T.: 19.061 min
Delta R.T.: 0.000 min
Response: 4748557
Conc: 50.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.798 min
Delta R.T.: -0.002 min
Response: 4529211
Conc: 50.12 ug/ml



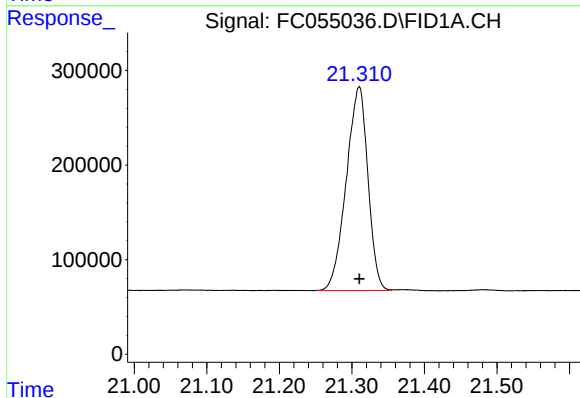
#21 n-Octatriacontane (C38)

R.T.: 20.502 min
Delta R.T.: 0.000 min
Response: 4398742
Conc: 50.91 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.310 min
Delta R.T.: 0.000 min
Response: 4471394
Conc: 50.21 ug/ml m