

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060621AL\
 Data File : FC054058.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jun 2021 17:20
 Operator : DD\AJ
 Sample : M2589-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 18-B7(2-4)MS

Manual Integrations
 APPROVED

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 6/8/2021 8:50:04 AM

Integration File: autoint1.e
 Quant Time: Jun 07 03:51:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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)	11.370	2855692	20.453 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
12) S 1-chlorooctadecane (S...	12.814	2287361	20.401 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
Target Compounds			
1) T n-Nonane (C9)	3.163	1547393	13.097 ug/ml
2) T n-Decane (C10)	4.224	2243055	18.819 ug/ml
3) T A~Naphthalene (C11.7)	5.795	2957670	22.615 ug/ml
4) T n-Dodecane (C12)	6.235	3129315	25.491 ug/ml
5) T A~2-methylnaphthalene...	6.849	3341054	25.028 ug/ml
6) T n-Tetradecane (C14)	8.028	3752168	30.249 ug/ml
7) T n-Hexadecane (C16)	9.624	4063743	32.616 ug/ml
8) T n-Octadecane (C18)	11.066	4169989	31.659 ug/ml
10) T n-Eicosane (C20)	12.374	4003038	29.865 ug/ml
11) T n-Heneicosane (C21)	12.985	3932885	29.323 ug/ml
13) T n-Docosane (C22)	13.571	3861757	28.733 ug/ml
14) T n-Tetracosane (C24)	14.642	2969715	22.118 ug/ml
15) T n-Hexacosane (C26)	15.695	3710852	27.999 ug/ml
16) T n-Octacosane (C28)	16.645	3754945	28.438 ug/ml
17) T n-Tricontane (C30)	17.535	3884084	29.622 ug/ml
18) T n-Dotriacontane (C32)	18.368	3569285	27.669 ug/mlm
19) T n-Tetratriacontane (C34)	19.153	3762646	30.843 ug/mlm
20) T n-Hexatriacontane (C36)	19.895	3551629	31.459 ug/mlm
21) T n-Octatriacontane (C38)	20.605	3384454	33.566 ug/mlm
22) T n-Tetracontane (C40)	21.449	3309337	32.791 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 14 Sample Multiplier: 1

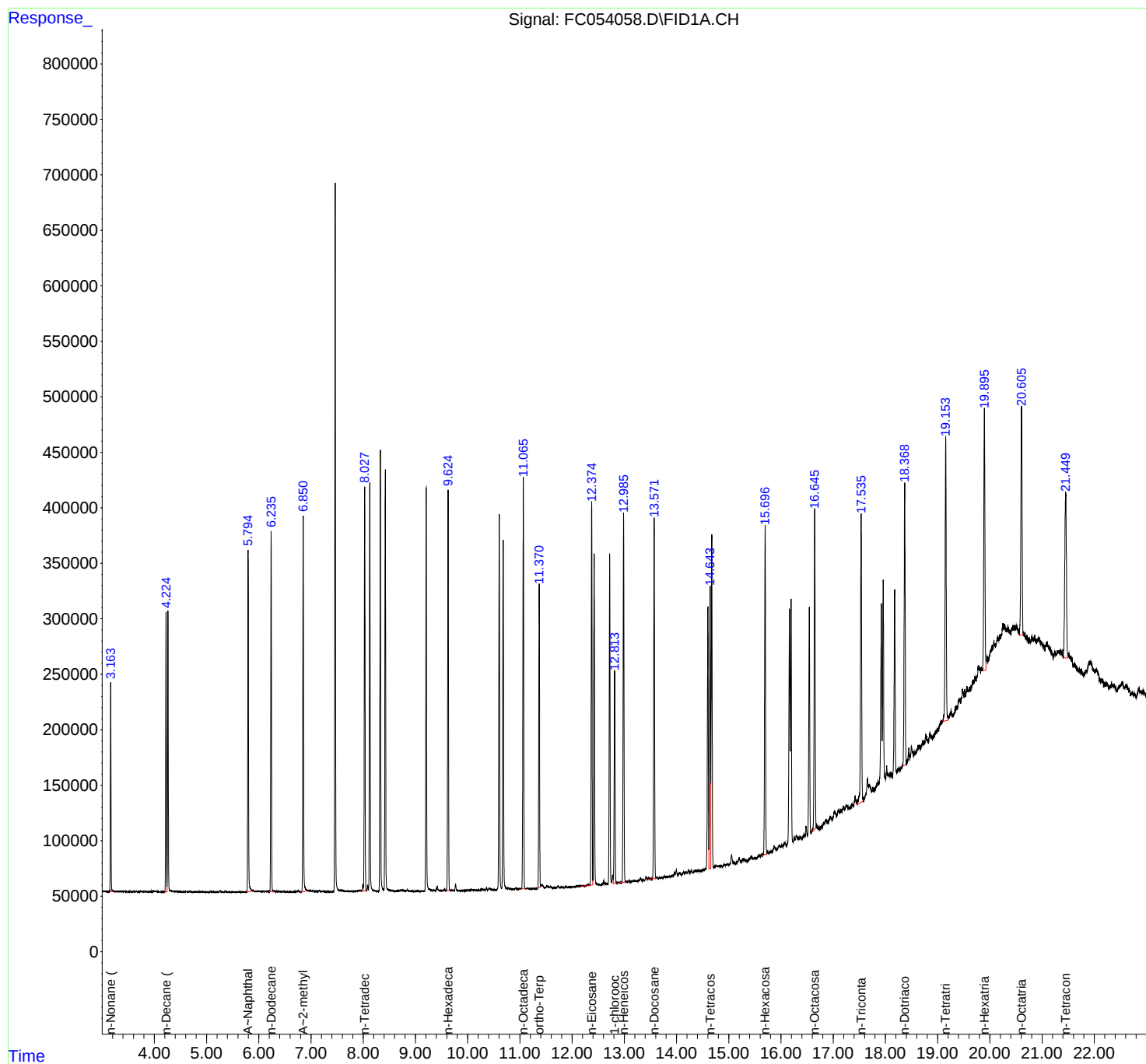
Instrument :
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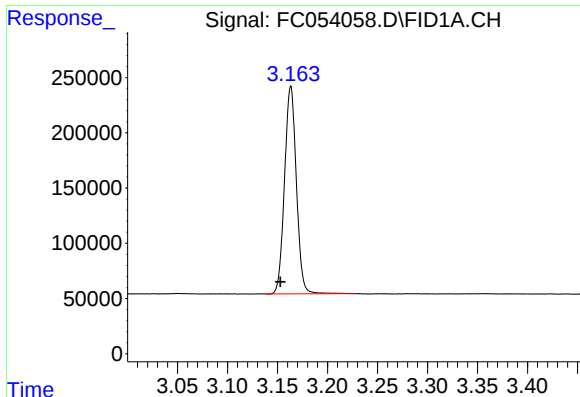
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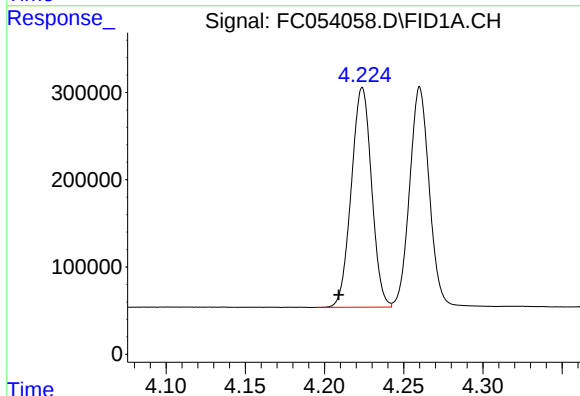
#1 n-Nonane (C9)

R.T.: 3.163 min
Delta R.T.: 0.010 min
Response: 1547393
Conc: 13.10 ug/ml

Instrument :
FID_C
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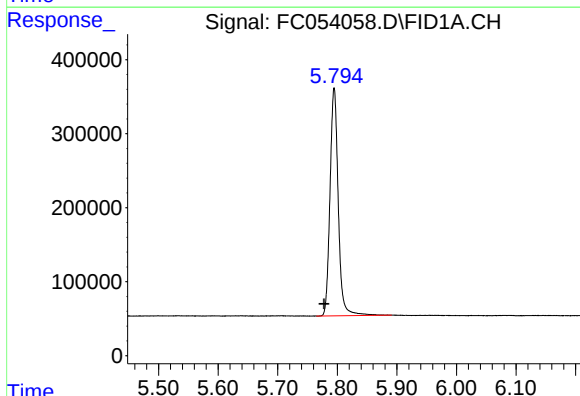
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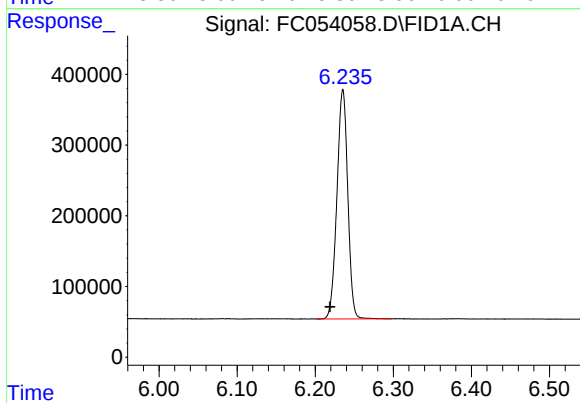
#2 n-Decane (C10)

R.T.: 4.224 min
Delta R.T.: 0.015 min
Response: 2243055
Conc: 18.82 ug/ml



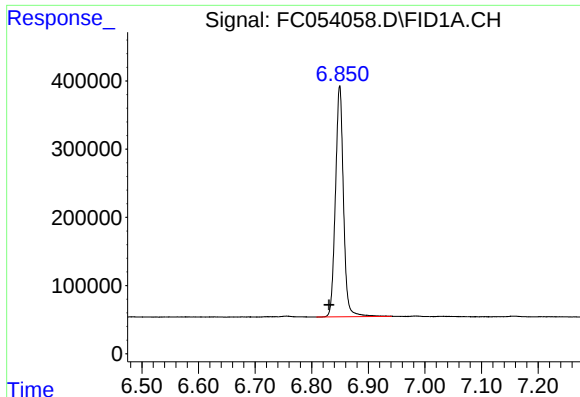
#3 A~Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: 0.017 min
Response: 2957670
Conc: 22.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.235 min
Delta R.T.: 0.016 min
Response: 3129315
Conc: 25.49 ug/ml



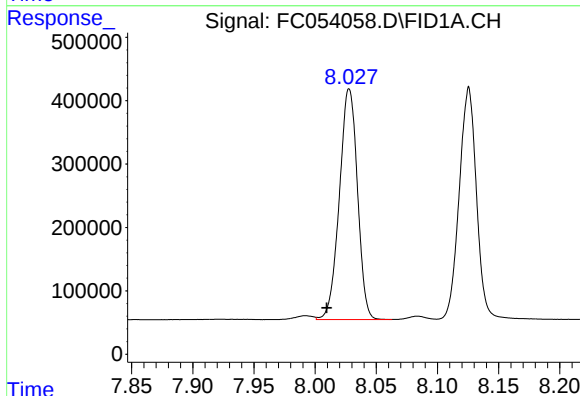
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.019 min
Response: 3341054
Conc: 25.03 ug/ml

Instrument :
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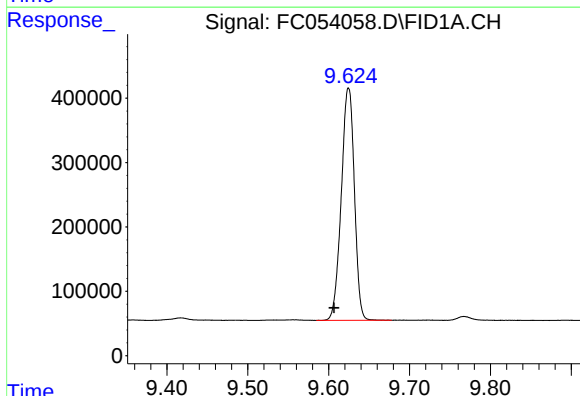
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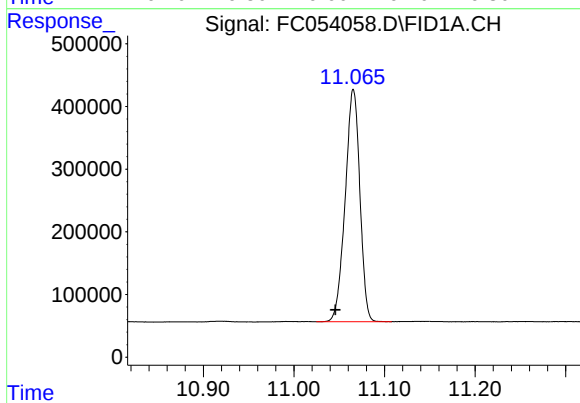
#6 n-Tetradecane (C14)

R.T.: 8.028 min
Delta R.T.: 0.018 min
Response: 3752168
Conc: 30.25 ug/ml



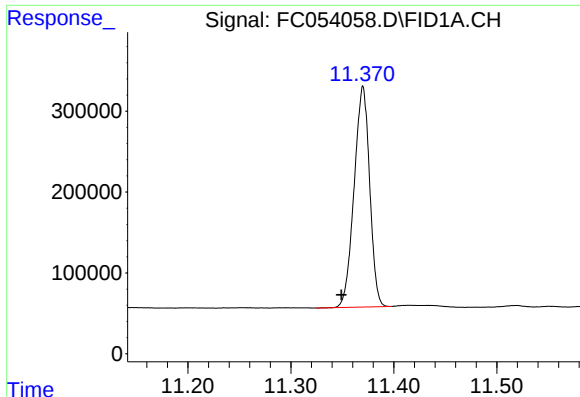
#7 n-Hexadecane (C16)

R.T.: 9.624 min
Delta R.T.: 0.018 min
Response: 4063743
Conc: 32.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.066 min
Delta R.T.: 0.020 min
Response: 4169989
Conc: 31.66 ug/ml



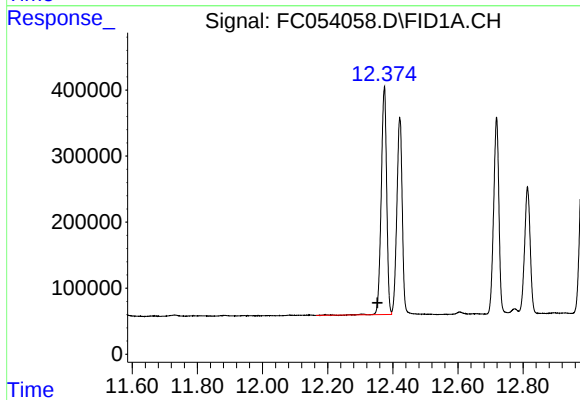
#9 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: 0.021 min
Response: 2855692
Conc: 20.45 ug/ml

Instrument :
FID_C
ClientSampleId :
18-B7(2-4)MS

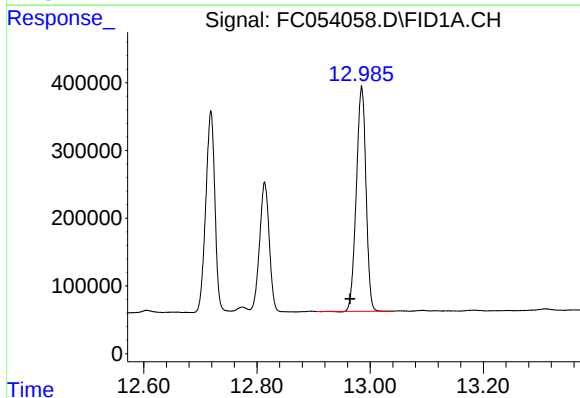
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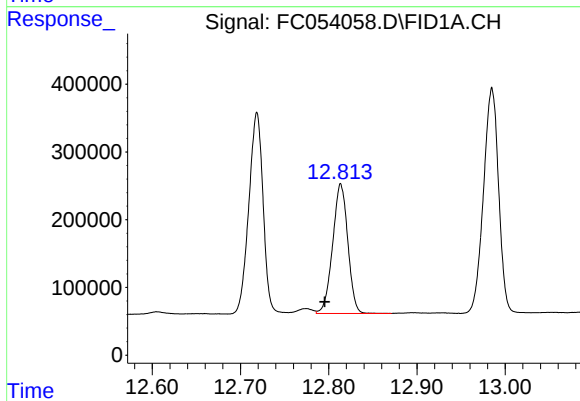
#10 n-Eicosane (C20)

R.T.: 12.374 min
Delta R.T.: 0.021 min
Response: 4003038
Conc: 29.86 ug/ml



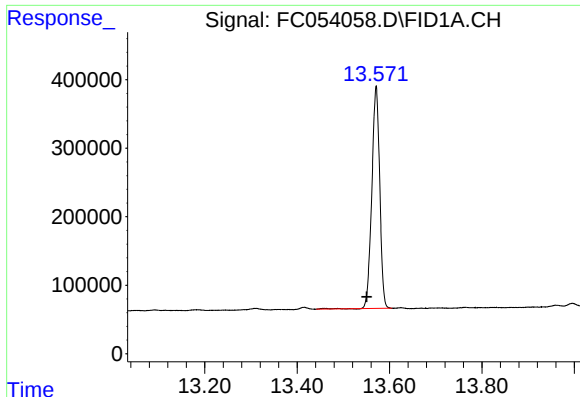
#11 n-Heneicosane (C21)

R.T.: 12.985 min
Delta R.T.: 0.020 min
Response: 3932885
Conc: 29.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.814 min
Delta R.T.: 0.018 min
Response: 2287361
Conc: 20.40 ug/ml



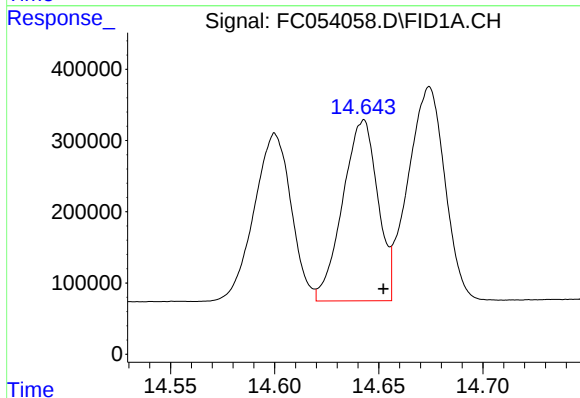
#13 n-Docosane (C22)

R.T.: 13.571 min
Delta R.T.: 0.021 min
Response: 3861757
Conc: 28.73 ug/ml

Instrument :
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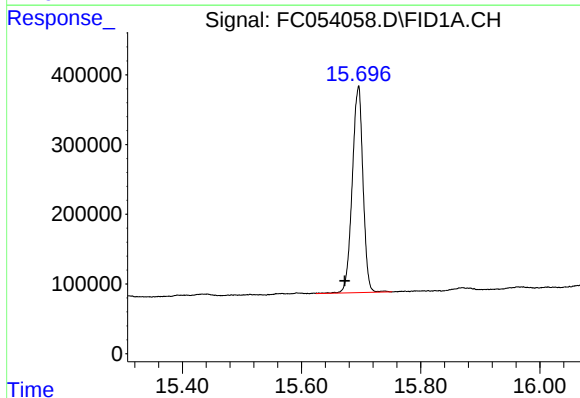
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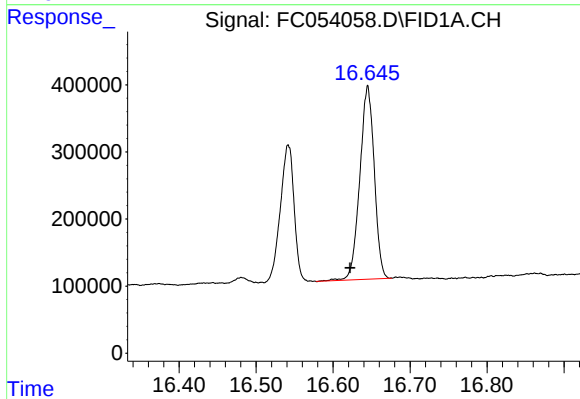
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: -0.010 min
Response: 2969715
Conc: 22.12 ug/ml



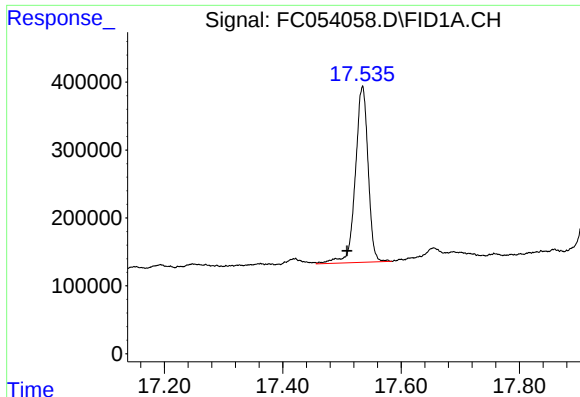
#15 n-Hexacosane (C26)

R.T.: 15.695 min
Delta R.T.: 0.022 min
Response: 3710852
Conc: 28.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.645 min
Delta R.T.: 0.023 min
Response: 3754945
Conc: 28.44 ug/ml



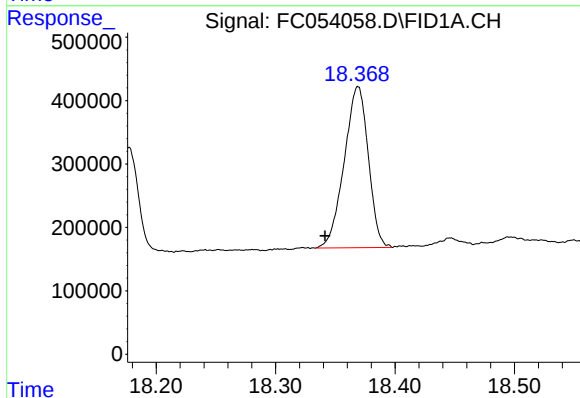
#17 n-Tricontane (C30)

R.T.: 17.535 min
Delta R.T.: 0.026 min
Response: 3884084
Conc: 29.62 ug/ml

Instrument :
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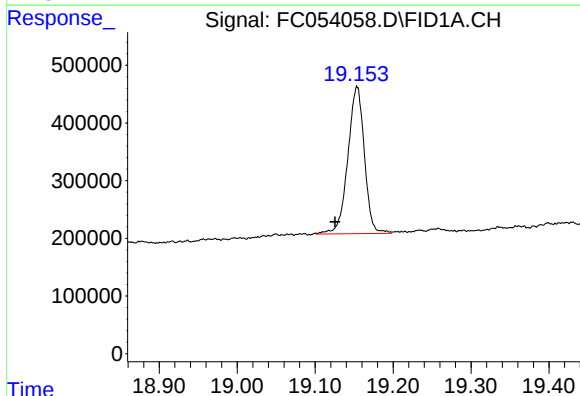
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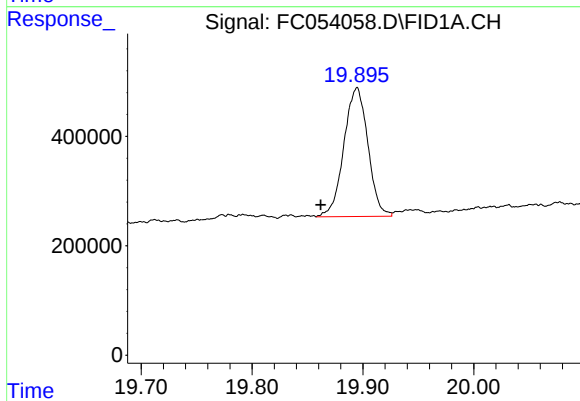
#18 n-Dotriacontane (C32)

R.T.: 18.368 min
Delta R.T.: 0.027 min
Response: 3569285
Conc: 27.67 ug/ml m



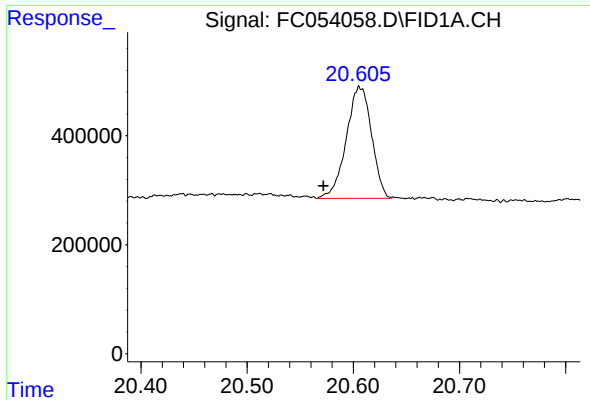
#19 n-Tetratriacontane (C34)

R.T.: 19.153 min
Delta R.T.: 0.028 min
Response: 3762646
Conc: 30.84 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.895 min
Delta R.T.: 0.033 min
Response: 3551629
Conc: 31.46 ug/ml m



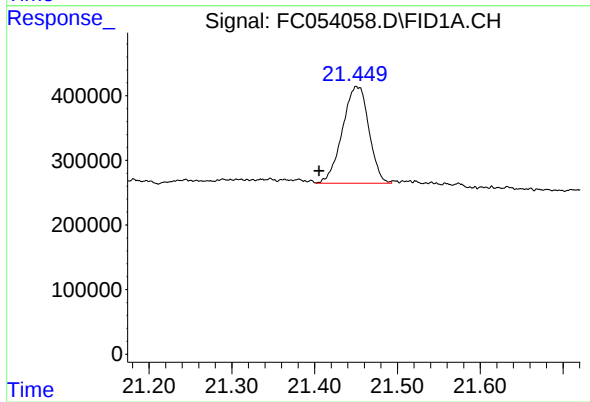
#21 n-Octatriacontane (C38)

R.T.: 20.605 min
Delta R.T.: 0.033 min
Response: 3384454
Conc: 33.57 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.449 min
Delta R.T.: 0.043 min
Response: 3309337
Conc: 32.79 ug/ml m