

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060524AL\
 Data File : FC066537.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2024 15:05
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2024
 Supervised By :Ankita Jodhani 06/06/2024

Integration File: autoint1.e
 Quant Time: Jun 06 04:43:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.554	3051186	20.074 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
12) S 1-chlorooctadecane (S...	12.992	2311383	20.228 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
Target Compounds			
1) T n-Nonane (C9)	3.309	2736793	19.555 ug/ml
2) T n-Decane (C10)	4.378	2850902	19.814 ug/ml
3) T A~Naphthalene (C11.7)	5.962	3149611	19.765 ug/ml
4) T n-Dodecane (C12)	6.399	2870240	19.933 ug/ml
5) T A~2-methylnaphthalene...	7.020	3046513	19.864 ug/ml
6) T n-Tetradecane (C14)	8.196	2817218	19.956 ug/ml
7) T n-Hexadecane (C16)	9.797	2889182	20.103 ug/ml
8) T n-Octadecane (C18)	11.240	2885904	20.166 ug/ml
10) T n-Eicosane (C20)	12.548	2752701	20.231 ug/ml
11) T n-Heneicosane (C21)	13.161	2698256	20.241 ug/ml
13) T n-Docosane (C22)	13.747	2687767	20.393 ug/ml
14) T n-Tetracosane (C24)	14.850	2668180	20.497 ug/ml
15) T n-Hexacosane (C26)	15.872	2621406	20.612 ug/ml
16) T n-Octacosane (C28)	16.822	2616439	21.075 ug/ml
17) T n-Tricontane (C30)	17.709	2733015	21.686 ug/ml
18) T n-Dotriacontane (C32)	18.540	2719841	22.098 ug/mlm
19) T n-Tetratriacontane (C34)	19.326	2606279	21.733 ug/mlm
20) T n-Hexatriacontane (C36)	20.065	2460283	20.307 ug/ml
21) T n-Octatriacontane (C38)	20.798	2384374	20.612 ug/ml
22) T n-Tetracontane (C40)	21.709	2328841	19.012 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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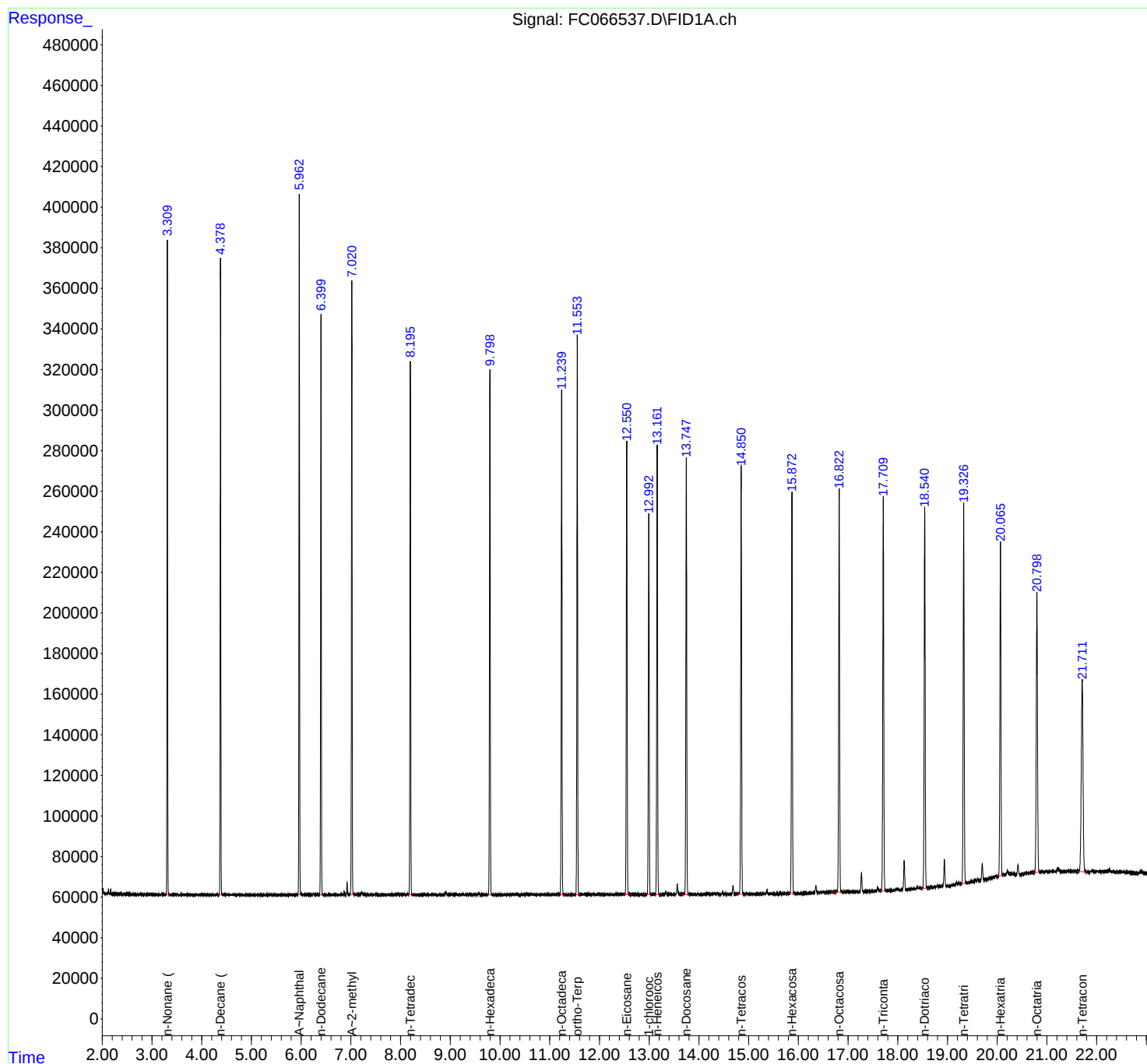
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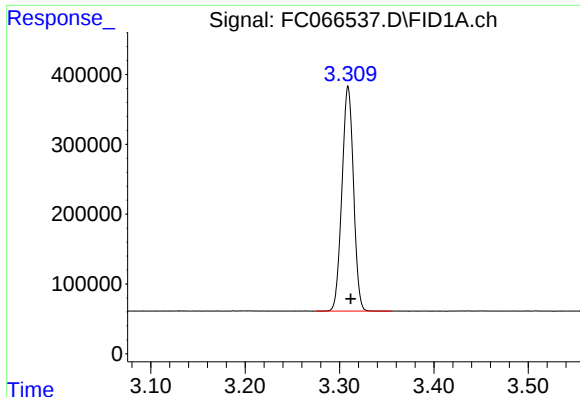
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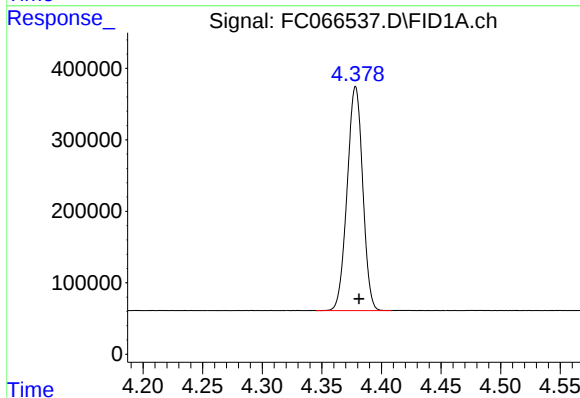
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.003 min
Response: 2736793
Conc: 19.55 ug/ml

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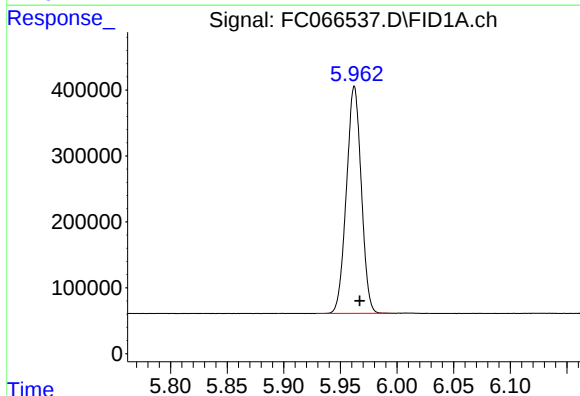
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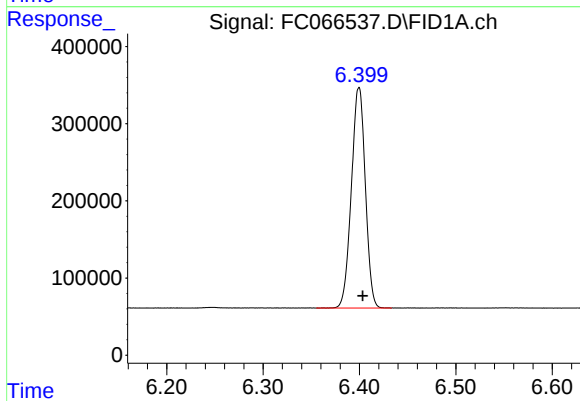
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.003 min
Response: 2850902
Conc: 19.81 ug/ml



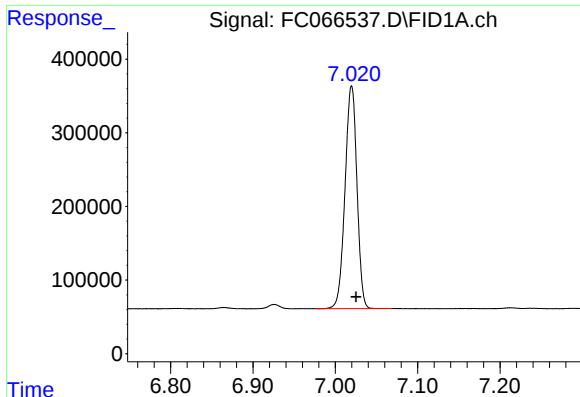
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 3149611
Conc: 19.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.399 min
Delta R.T.: -0.004 min
Response: 2870240
Conc: 19.93 ug/ml



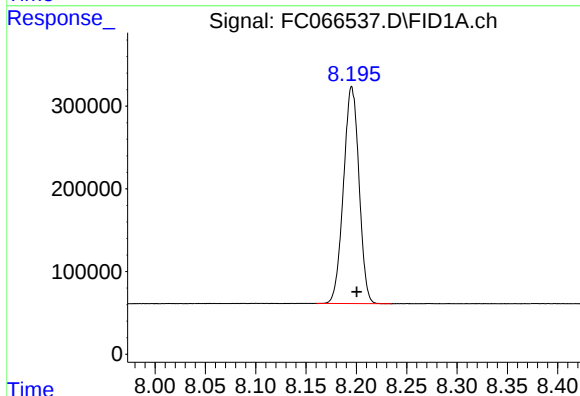
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: -0.006 min
Response: 3046513
Conc: 19.86 ug/ml

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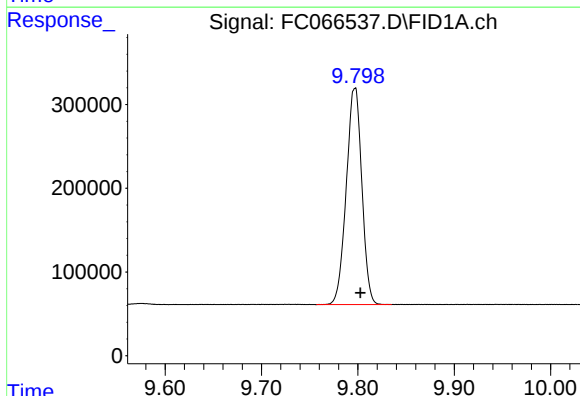
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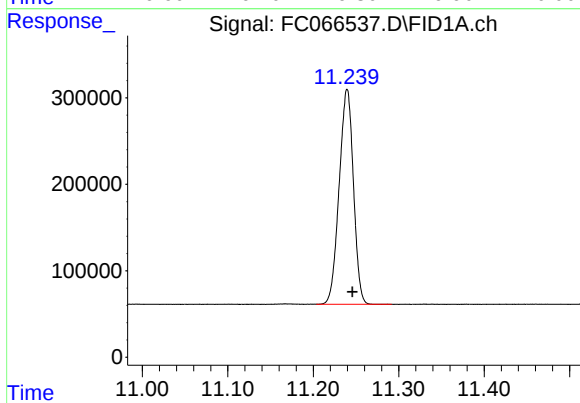
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.005 min
Response: 2817218
Conc: 19.96 ug/ml



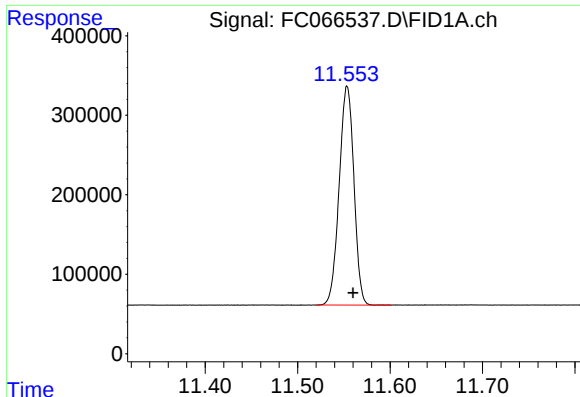
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.006 min
Response: 2889182
Conc: 20.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.240 min
Delta R.T.: -0.006 min
Response: 2885904
Conc: 20.17 ug/ml



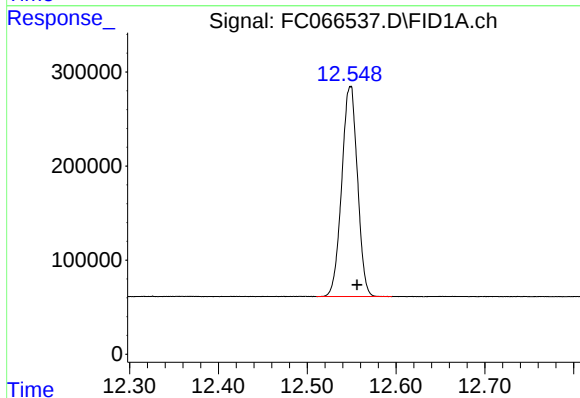
#9 ortho-Terphenyl (SURR)

R.T.: 11.554 min
Delta R.T.: -0.006 min
Response: 3051186
Conc: 20.07 ug/ml

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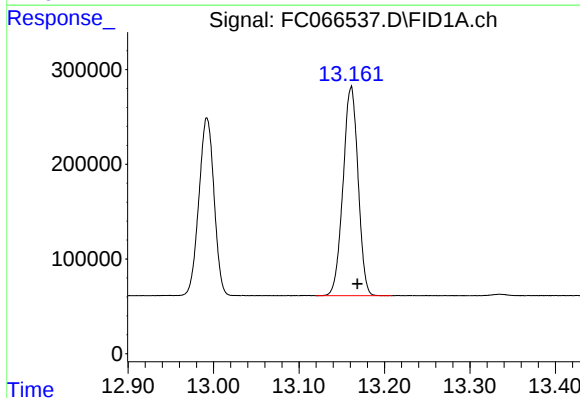
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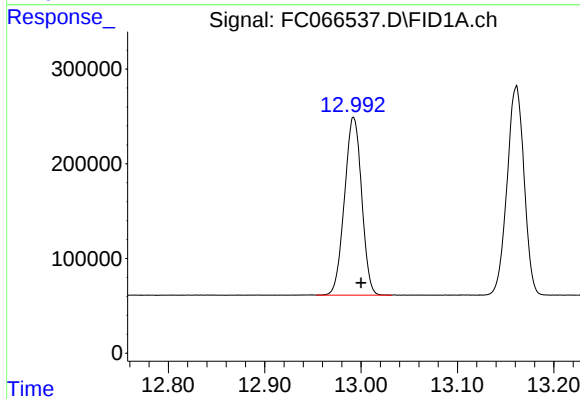
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: -0.008 min
Response: 2752701
Conc: 20.23 ug/ml



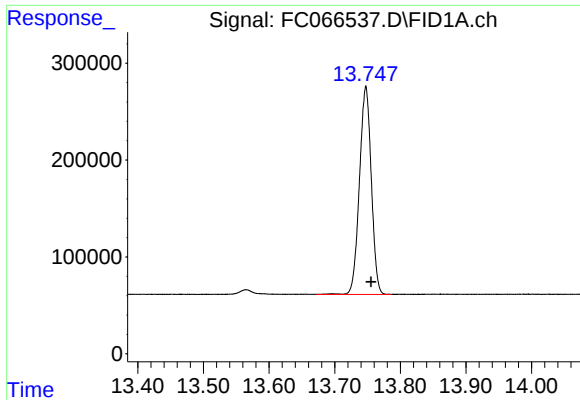
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: -0.008 min
Response: 2698256
Conc: 20.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.992 min
Delta R.T.: -0.008 min
Response: 2311383
Conc: 20.23 ug/ml



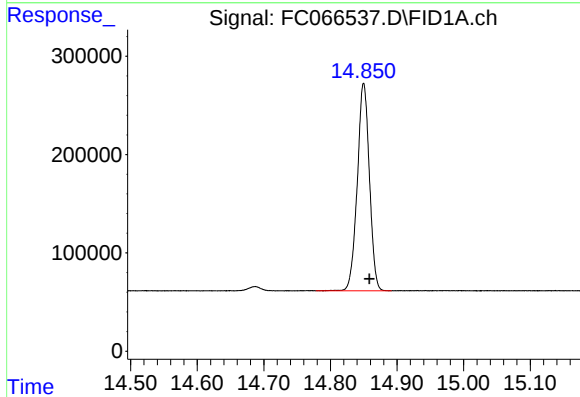
#13 n-Docosane (C22)

R.T.: 13.747 min
Delta R.T.: -0.008 min
Response: 2687767
Conc: 20.39 ug/ml

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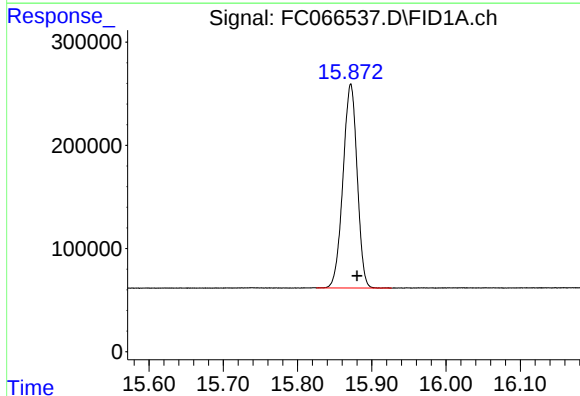
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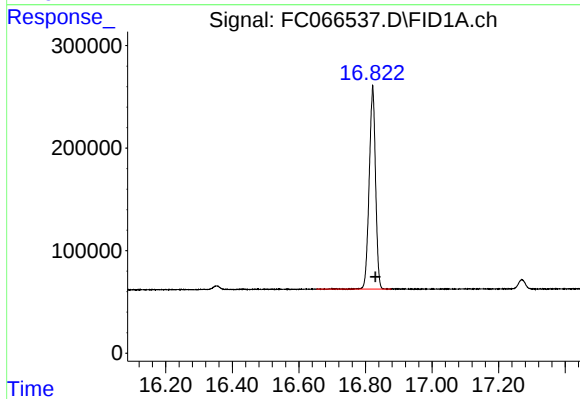
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: -0.009 min
Response: 2668180
Conc: 20.50 ug/ml



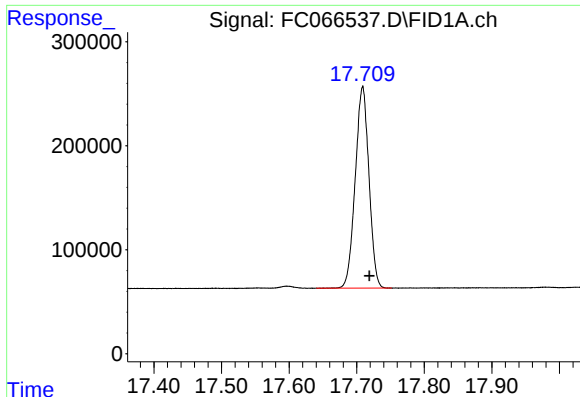
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.008 min
Response: 2621406
Conc: 20.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: -0.008 min
Response: 2616439
Conc: 21.08 ug/ml



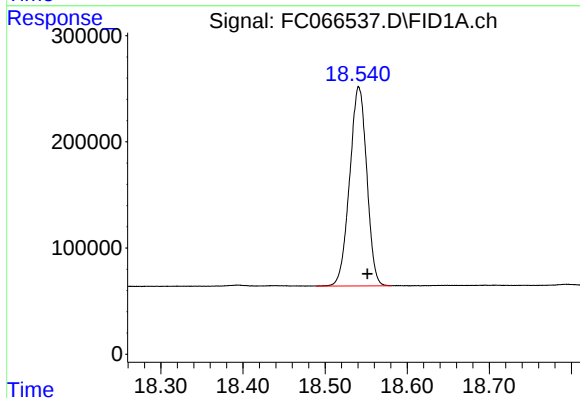
#17 n-Tricontane (C30)

R.T.: 17.709 min
Delta R.T.: -0.010 min
Response: 2733015
Conc: 21.69 ug/ml

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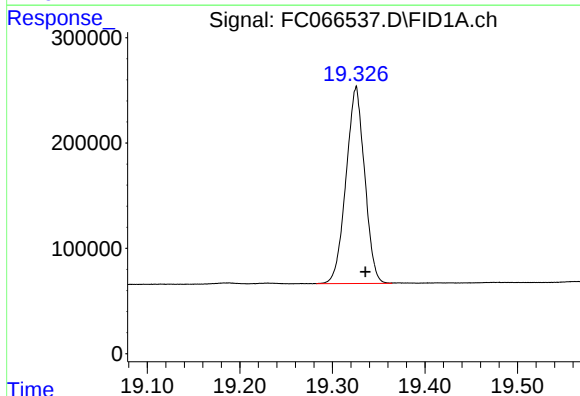
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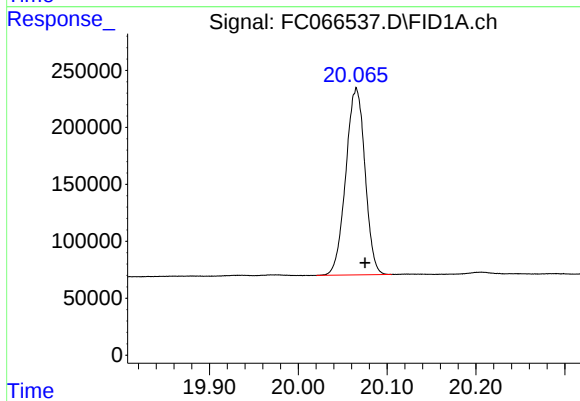
#18 n-Dotriacontane (C32)

R.T.: 18.540 min
Delta R.T.: -0.011 min
Response: 2719841
Conc: 22.10 ug/ml m



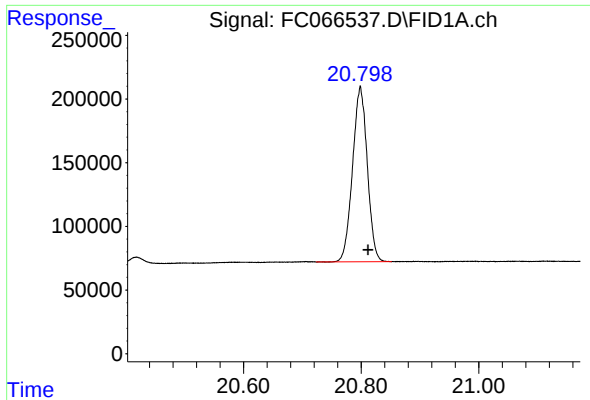
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: -0.010 min
Response: 2606279
Conc: 21.73 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.065 min
Delta R.T.: -0.010 min
Response: 2460283
Conc: 20.31 ug/ml



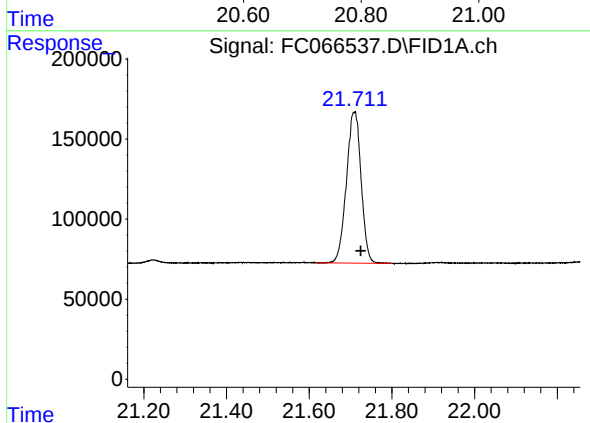
#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: -0.013 min
Response: 2384374
Conc: 20.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: -0.016 min
Response: 2328841
Conc: 19.01 ug/ml