

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072222AL\
 Data File : FE036673.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2022 08:46
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2022
 Supervised By :Ankita Jodhani 07/25/2022

Integration File: autoint1.e
 Quant Time: Jul 24 23:21:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 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)	11.850	3453586	18.543 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
12) S 1-chlorooctadecane (S...	13.289	2751929	18.088 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T n-Nonane (C9)	3.238	3206258	20.799 ug/ml
2) T n-Decane (C10)	4.492	3248150	21.072 ug/ml
3) T A~Naphthalene (C11.7)	6.194	3572684	20.907 ug/ml
4) T n-Dodecane (C12)	6.661	3296584	20.990 ug/ml
5) T A~2-methylnaphthalene...	7.290	3565432	20.745 ug/ml
6) T n-Tetradecane (C14)	8.488	3346822	20.500 ug/ml
7) T n-Hexadecane (C16)	10.095	3298392	20.011 ug/ml
8) T n-Octadecane (C18)	11.537	3274811	19.269 ug/ml
10) T n-Eicosane (C20)	12.845	3162284	18.591 ug/ml
11) T n-Heneicosane (C21)	13.456	3108319	18.161 ug/ml
13) T n-Docosane (C22)	14.042	3109360	18.212 ug/ml
14) T n-Tetracosane (C24)	15.145	3091794	18.138 ug/ml
15) T n-Hexacosane (C26)	16.167	3057472	18.288 ug/ml
16) T n-Octacosane (C28)	17.118	3104526	19.008 ug/ml
17) T n-Tricontane (C30)	18.005	3036035	19.979 ug/ml
18) T n-Dotriacontane (C32)	18.837	2528943	21.027 ug/ml
19) T n-Tetratriacontane (C34)	19.620	1777983	21.350 ug/ml
20) T n-Hexatriacontane (C36)	20.363	1314274	22.383 ug/mlm
21) T n-Octatriacontane (C38)	21.088	1110566	22.150 ug/ml
22) T n-Tetracontane (C40)	21.975	1195218	23.144 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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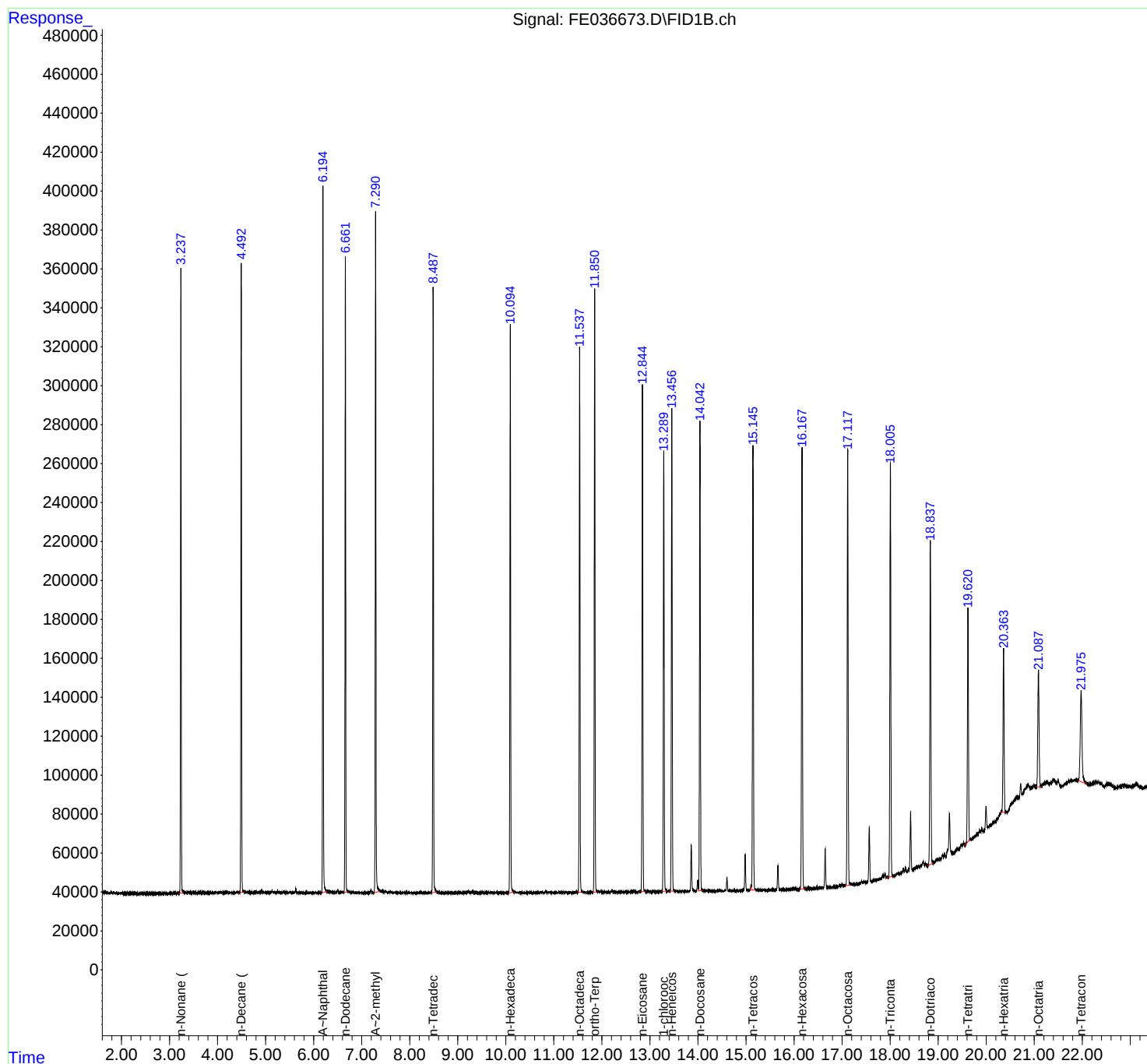
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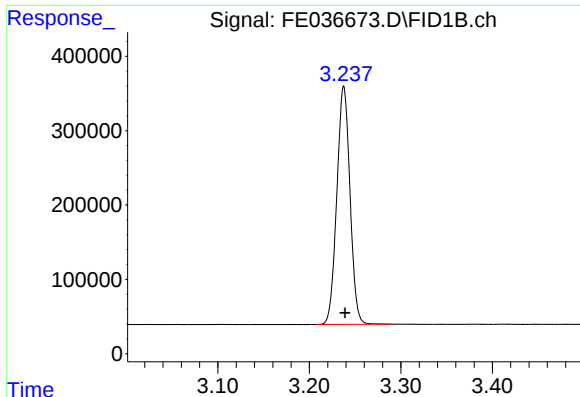
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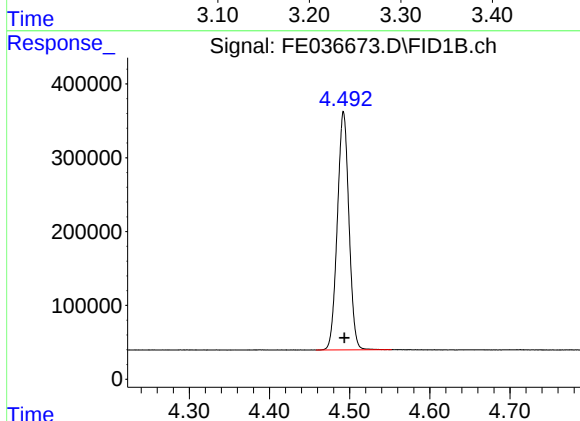
#1 n-Nonane (C9)

R.T.: 3.238 min
Delta R.T.: -0.001 min
Response: 3206258
Conc: 20.80 ug/ml

Instrument :
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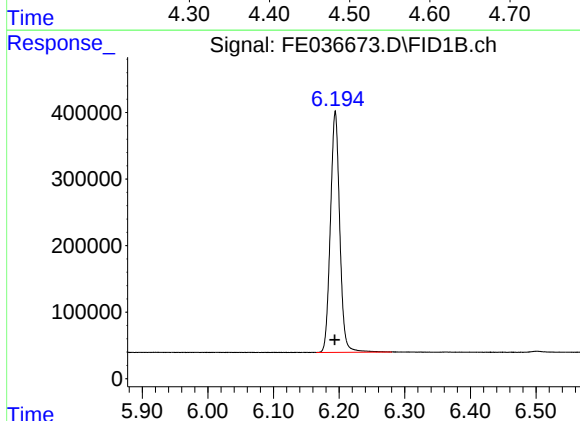
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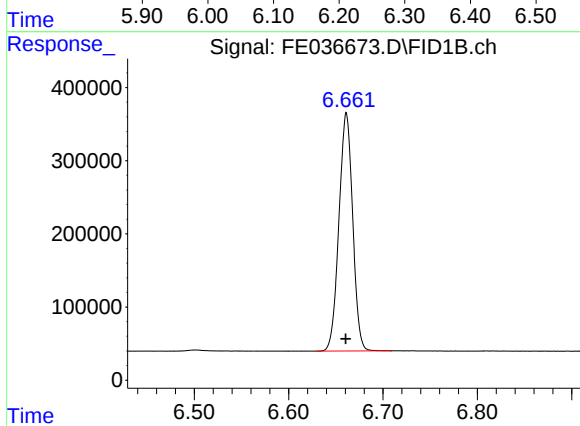
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 3248150
Conc: 21.07 ug/ml



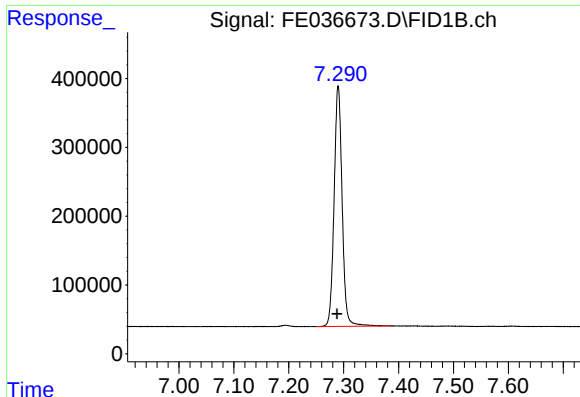
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 3572684
Conc: 20.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 3296584
Conc: 20.99 ug/ml



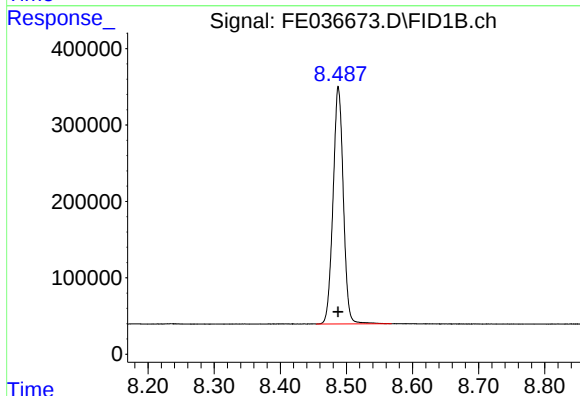
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.290 min
Delta R.T.: 0.002 min
Response: 3565432
Conc: 20.75 ug/ml

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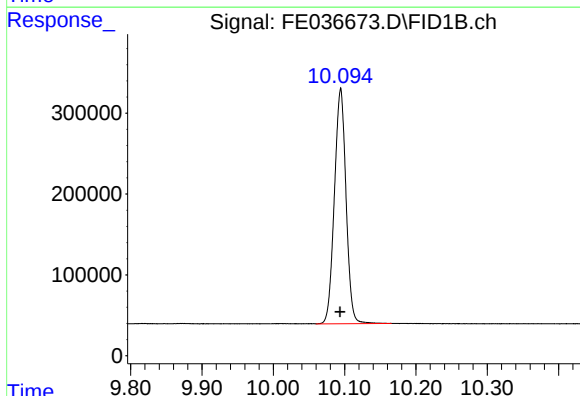
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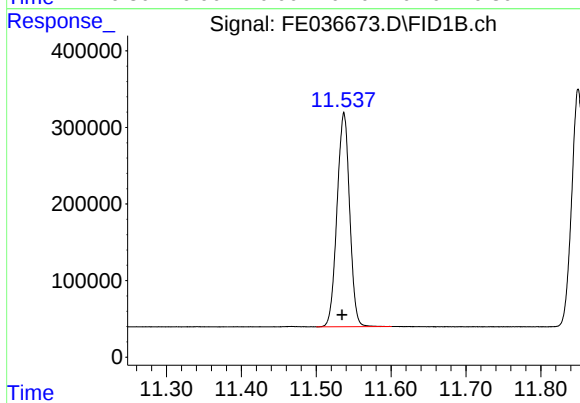
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 3346822
Conc: 20.50 ug/ml



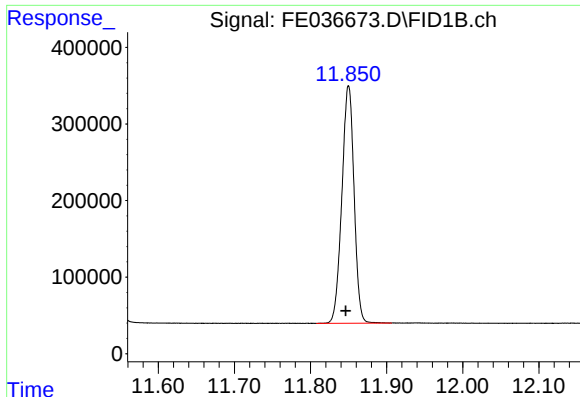
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: 0.000 min
Response: 3298392
Conc: 20.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: 0.002 min
Response: 3274811
Conc: 19.27 ug/ml



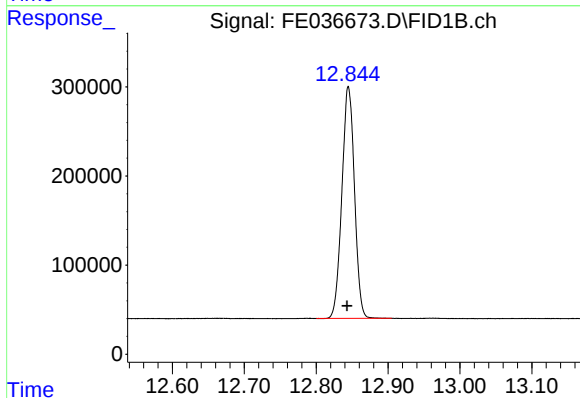
#9 ortho-Terphenyl (SURR)

R.T.: 11.850 min
Delta R.T.: 0.004 min
Response: 3453586
Conc: 18.54 ug/ml

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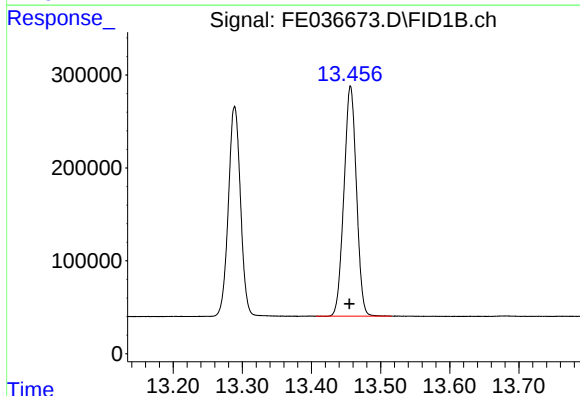
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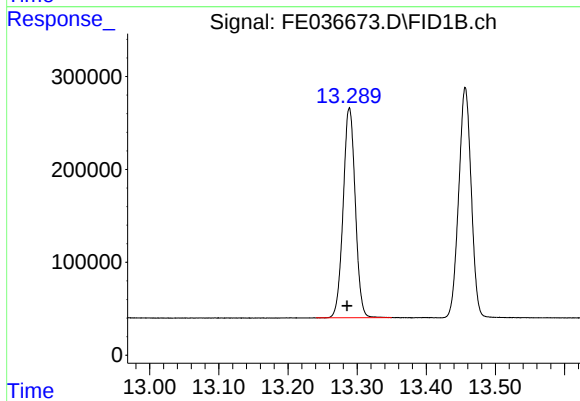
#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: 0.002 min
Response: 3162284
Conc: 18.59 ug/ml



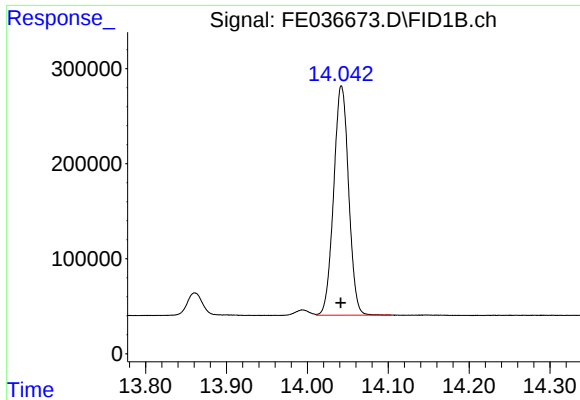
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: 0.002 min
Response: 3108319
Conc: 18.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.289 min
Delta R.T.: 0.003 min
Response: 2751929
Conc: 18.09 ug/ml



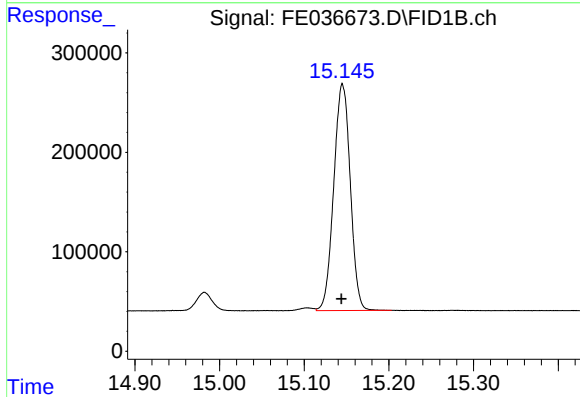
#13 n-Docosane (C22)

R.T.: 14.042 min
Delta R.T.: 0.001 min
Response: 3109360
Conc: 18.21 ug/ml

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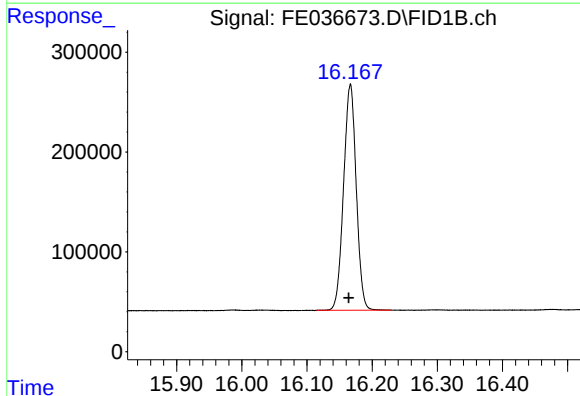
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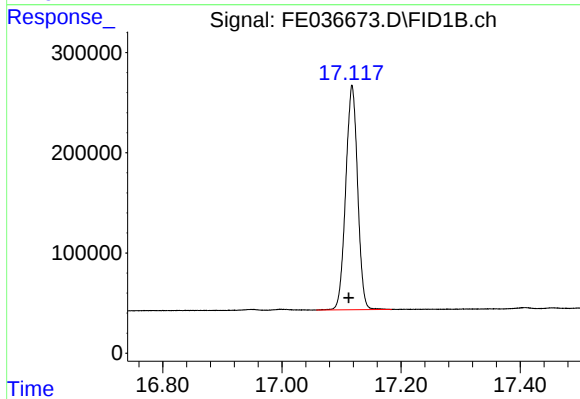
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: 0.001 min
Response: 3091794
Conc: 18.14 ug/ml



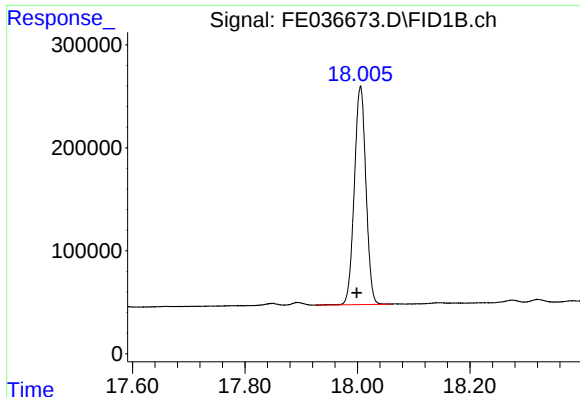
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: 0.003 min
Response: 3057472
Conc: 18.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: 0.006 min
Response: 3104526
Conc: 19.01 ug/ml



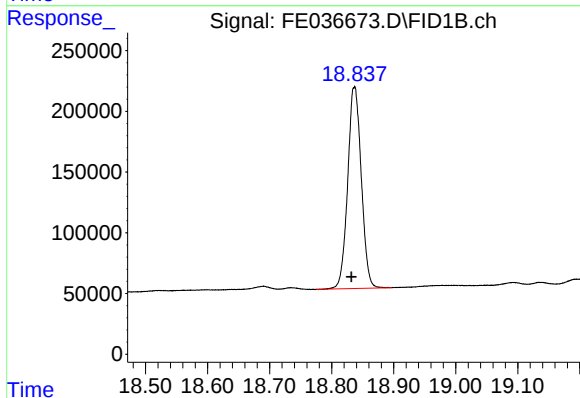
#17 n-Tricontane (C30)

R.T.: 18.005 min
Delta R.T.: 0.007 min
Response: 3036035
Conc: 19.98 ug/ml

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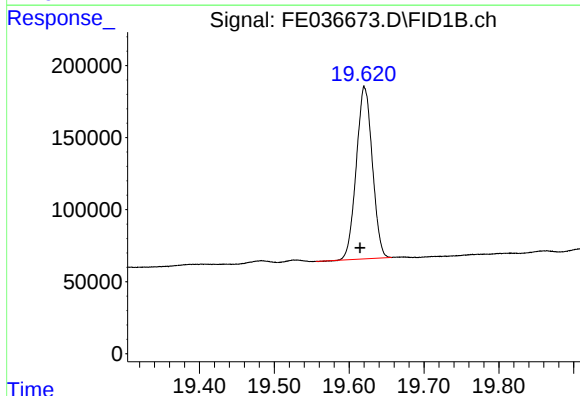
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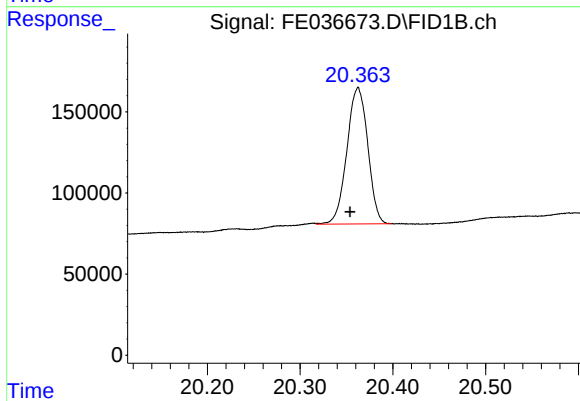
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: 0.005 min
Response: 2528943
Conc: 21.03 ug/ml



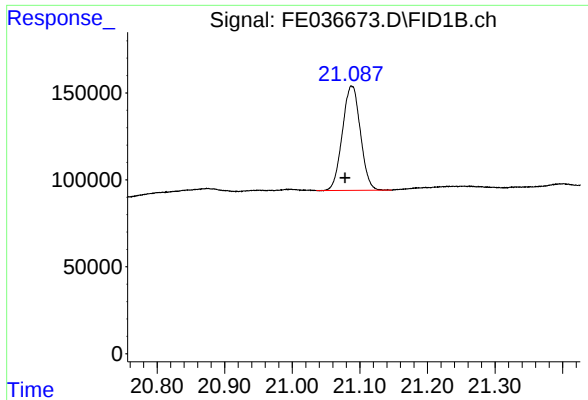
#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: 0.006 min
Response: 1777983
Conc: 21.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.363 min
Delta R.T.: 0.009 min
Response: 1314274
Conc: 22.38 ug/ml m



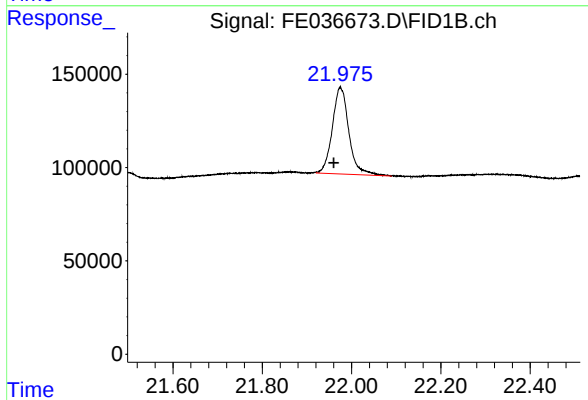
#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: 0.010 min
Response: 1110566
Conc: 22.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: 0.015 min
Response: 1195218
Conc: 23.14 ug/ml m