

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070522AL\
 Data File : FC060585.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jul 2022 10:02
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2022
 Supervised By :Ankita Jodhani 07/07/2022

Integration File: autoint1.e
 Quant Time: Jul 06 10:26:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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)	10.636	3531576	19.271 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
12) S 1-chlorooctadecane (S...	12.003	2778955	18.854 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T n-Nonane (C9)	2.625	3128688	20.396 ug/ml
2) T n-Decane (C10)	3.620	3128683	20.487 ug/ml
3) T A~Naphthalene (C11.7)	5.158	3395515	20.309 ug/ml
4) T n-Dodecane (C12)	5.568	3296977	20.400 ug/ml
5) T A~2-methylnaphthalene...	6.182	3393098	19.961 ug/ml
6) T n-Tetradecane (C14)	7.319	3330522	20.161 ug/ml
7) T n-Hexadecane (C16)	8.882	3370755	19.945 ug/ml
8) T n-Octadecane (C18)	10.289	3364623	19.557 ug/ml
10) T n-Eicosane (C20)	11.567	3270941	19.165 ug/ml
11) T n-Heneicosane (C21)	12.164	3235837	18.978 ug/ml
13) T n-Docosane (C22)	12.737	3186565	18.694 ug/ml
14) T n-Tetracosane (C24)	13.815	3073561	18.306 ug/ml
15) T n-Hexacosane (C26)	14.811	2927319	17.814 ug/ml
16) T n-Octacosane (C28)	15.739	2805356	17.679 ug/ml
17) T n-Tricontane (C30)	16.605	2705170	17.771 ug/ml
18) T n-Dotriacontane (C32)	17.416	2509024	17.260 ug/mlm
19) T n-Tetratriacontane (C34)	18.181	2350007	18.502 ug/ml
20) T n-Hexatriacontane (C36)	18.902	2235714	19.921 ug/ml
21) T n-Octatriacontane (C38)	19.585	2319130	21.186 ug/mlm
22) T n-Tetracontane (C40)	20.230	2098943	18.585 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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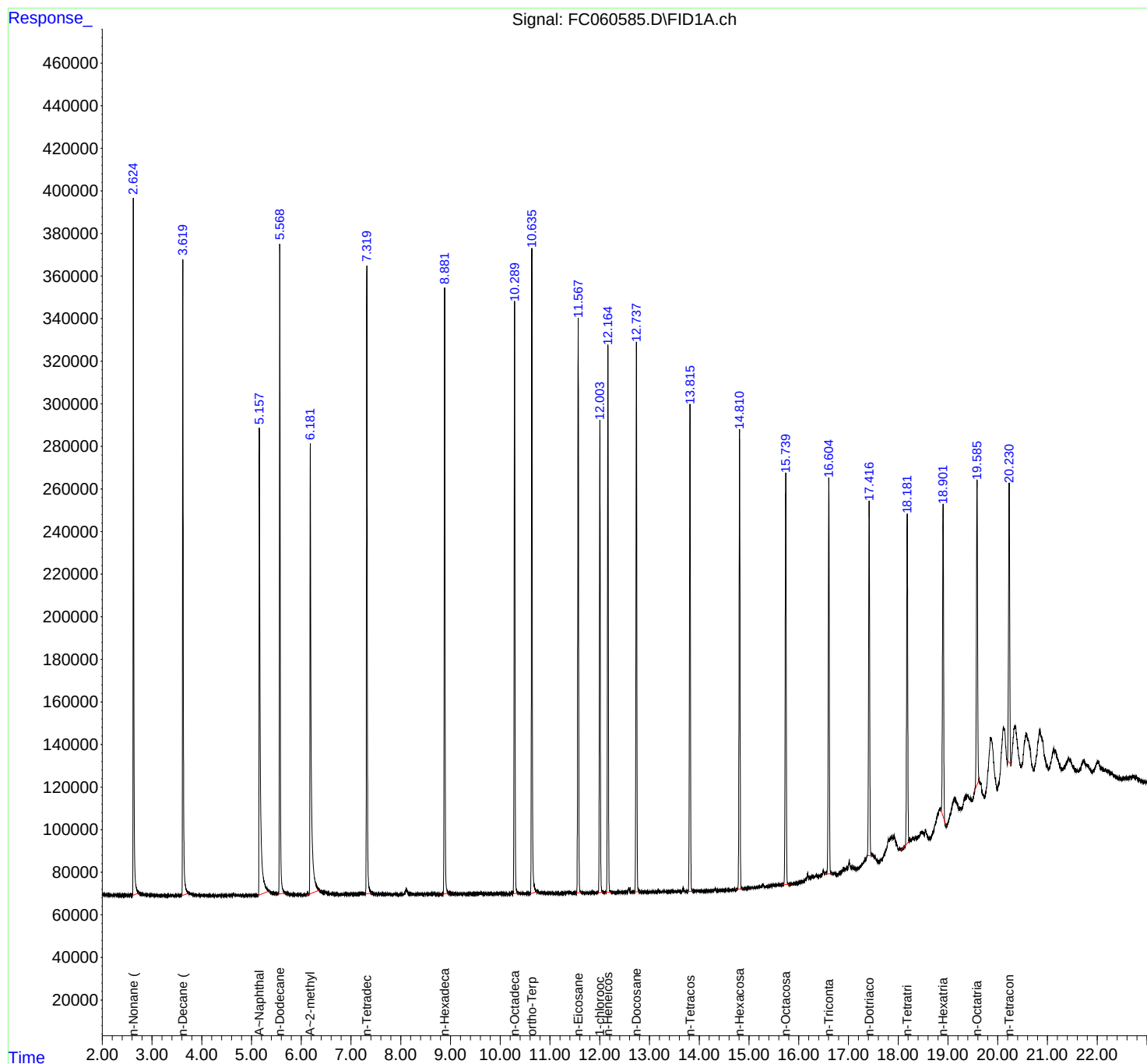
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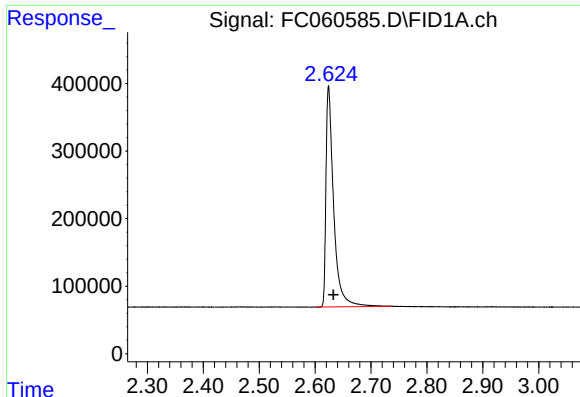
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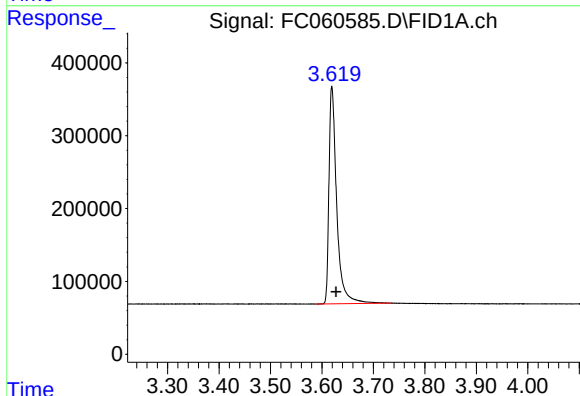
#1 n-Nonane (C9)

R.T.: 2.625 min
Delta R.T.: -0.008 min
Response: 3128688
Conc: 20.40 ug/ml

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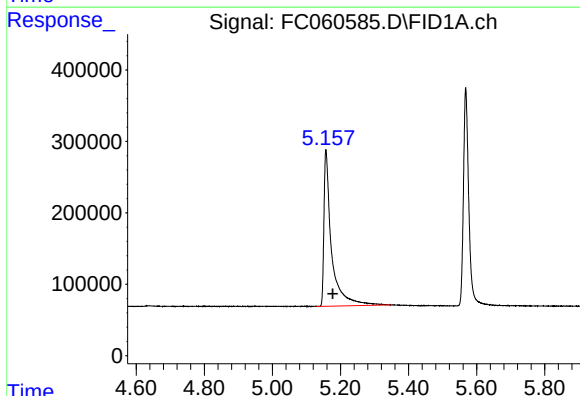
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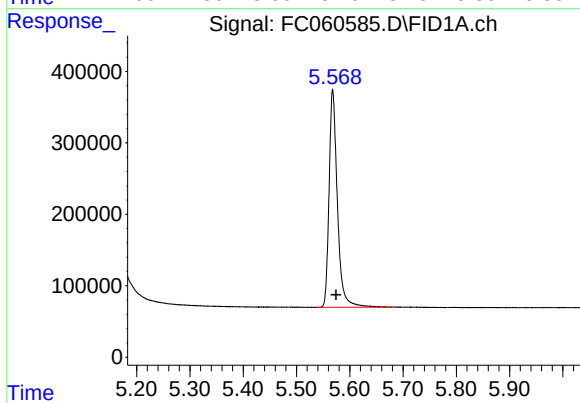
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.007 min
Response: 3128683
Conc: 20.49 ug/ml



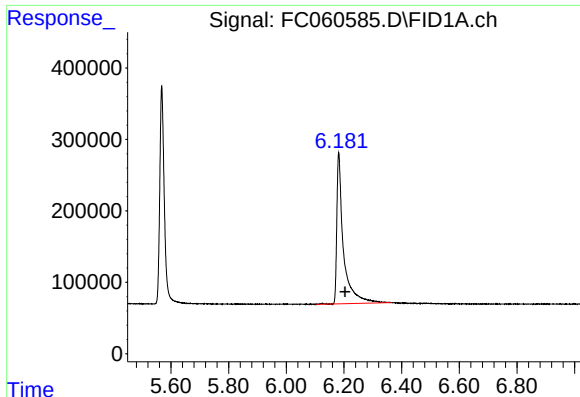
#3 A~Naphthalene (C11.7)

R.T.: 5.158 min
Delta R.T.: -0.019 min
Response: 3395515
Conc: 20.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.568 min
Delta R.T.: -0.006 min
Response: 3296977
Conc: 20.40 ug/ml



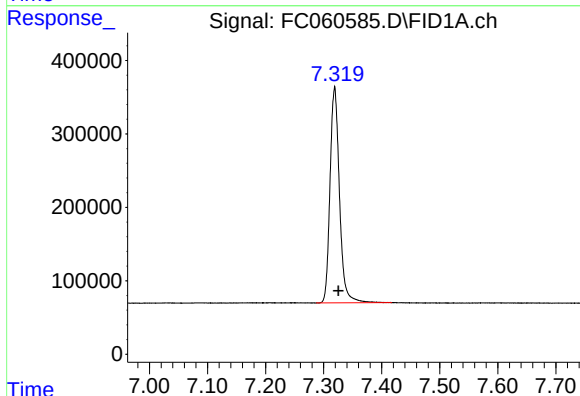
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.182 min
Delta R.T.: -0.022 min
Response: 3393098
Conc: 19.96 ug/ml

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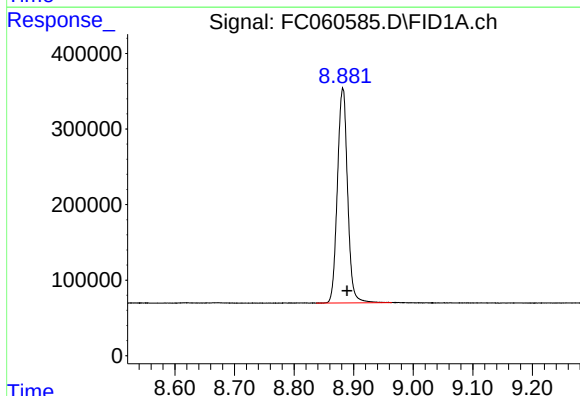
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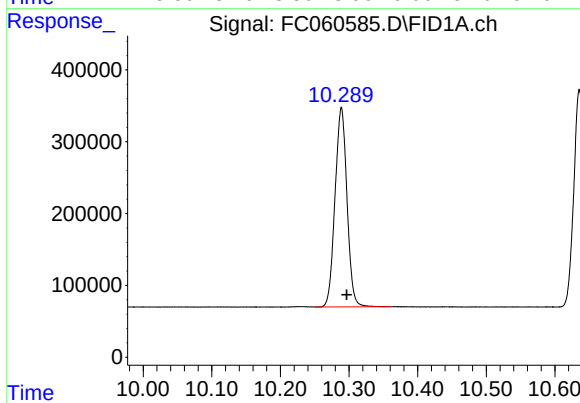
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: -0.007 min
Response: 3330522
Conc: 20.16 ug/ml



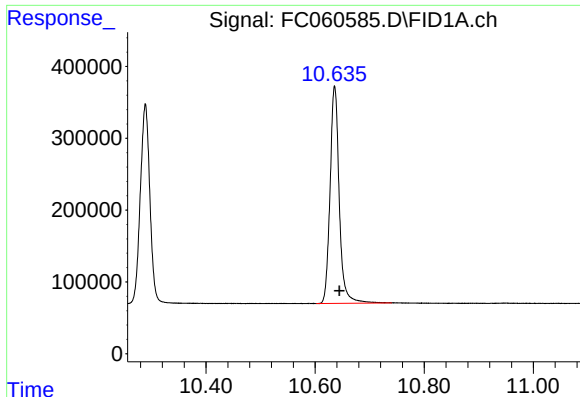
#7 n-Hexadecane (C16)

R.T.: 8.882 min
Delta R.T.: -0.007 min
Response: 3370755
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.289 min
Delta R.T.: -0.008 min
Response: 3364623
Conc: 19.56 ug/ml



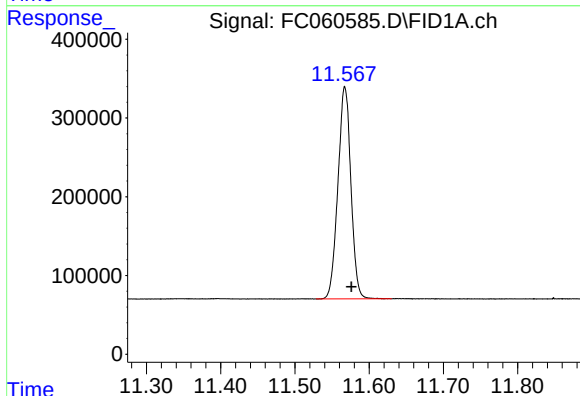
#9 ortho-Terphenyl (SURR)

R.T.: 10.636 min
Delta R.T.: -0.009 min
Response: 3531576
Conc: 19.27 ug/ml

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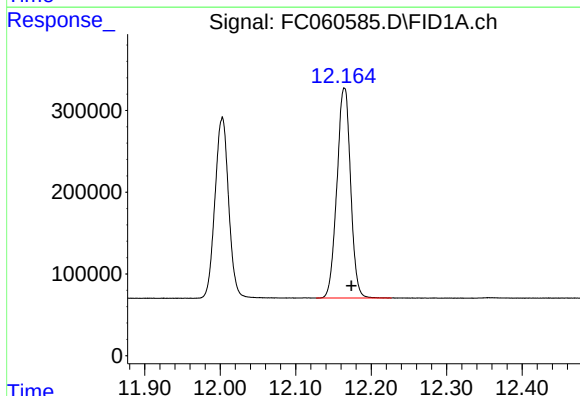
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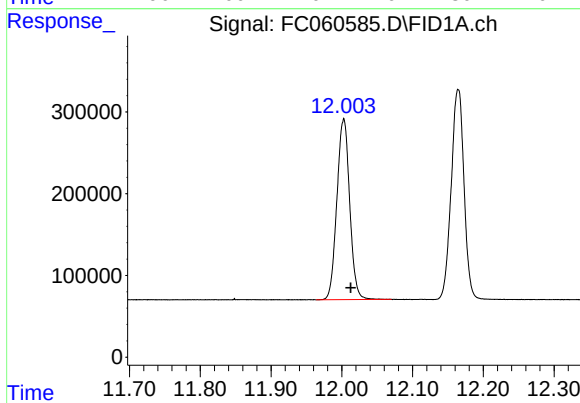
#10 n-Eicosane (C20)

R.T.: 11.567 min
Delta R.T.: -0.009 min
Response: 3270941
Conc: 19.17 ug/ml



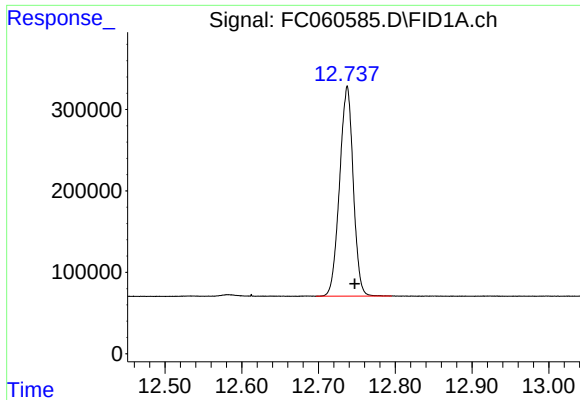
#11 n-Heneicosane (C21)

R.T.: 12.164 min
Delta R.T.: -0.010 min
Response: 3235837
Conc: 18.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.003 min
Delta R.T.: -0.010 min
Response: 2778955
Conc: 18.85 ug/ml



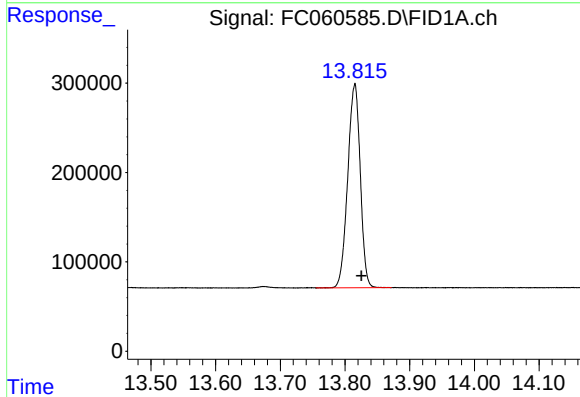
#13 n-Docosane (C22)

R.T.: 12.737 min
Delta R.T.: -0.010 min
Response: 3186565
Conc: 18.69 ug/ml

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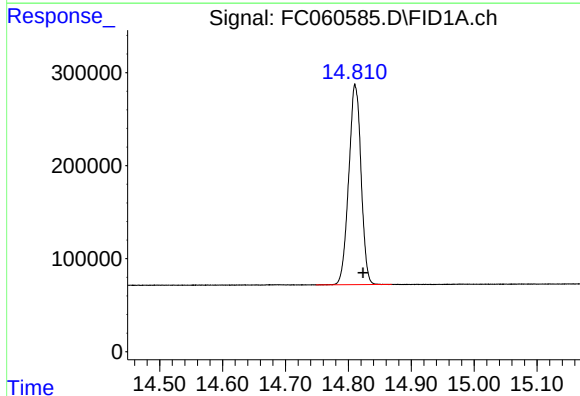
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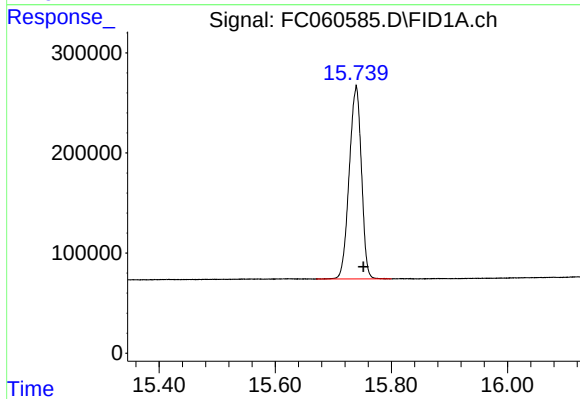
#14 n-Tetracosane (C24)

R.T.: 13.815 min
Delta R.T.: -0.010 min
Response: 3073561
Conc: 18.31 ug/ml



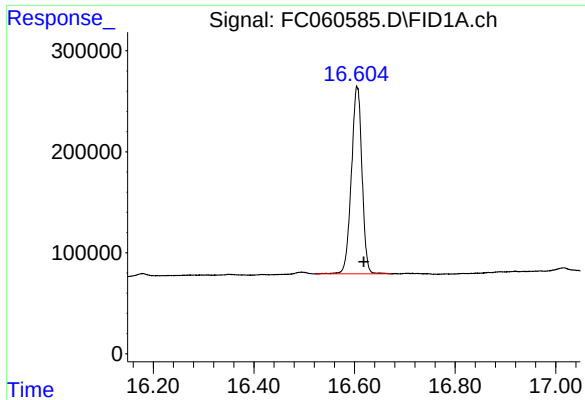
#15 n-Hexacosane (C26)

R.T.: 14.811 min
Delta R.T.: -0.012 min
Response: 2927319
Conc: 17.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.739 min
Delta R.T.: -0.012 min
Response: 2805356
Conc: 17.68 ug/ml



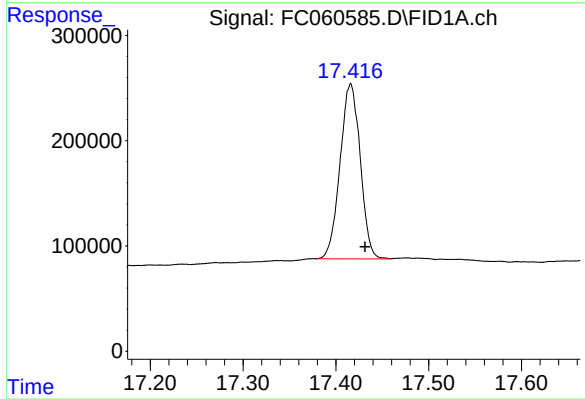
#17 n-Tricontane (C30)

R.T.: 16.605 min
Delta R.T.: -0.013 min
Response: 2705170
Conc: 17.77 ug/ml

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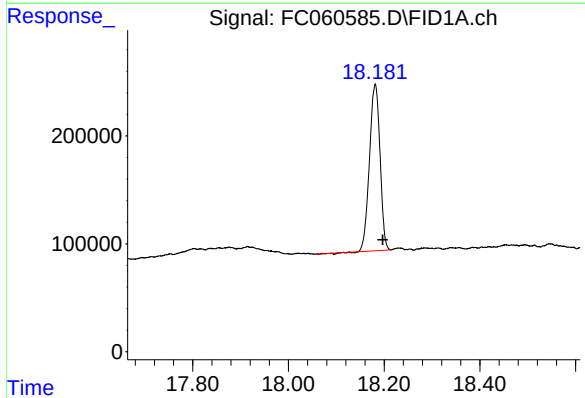
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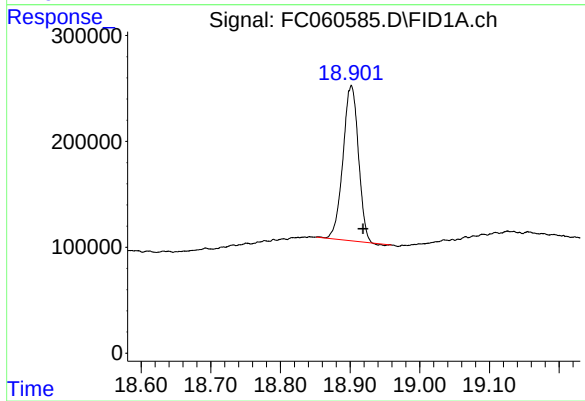
#18 n-Dotriacontane (C32)

R.T.: 17.416 min
Delta R.T.: -0.016 min
Response: 2509024
Conc: 17.26 ug/ml m



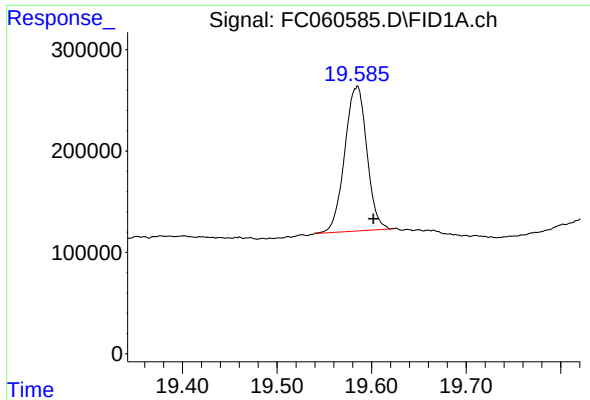
#19 n-Tetratriacontane (C34)

R.T.: 18.181 min
Delta R.T.: -0.016 min
Response: 2350007
Conc: 18.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.902 min
Delta R.T.: -0.017 min
Response: 2235714
Conc: 19.92 ug/ml



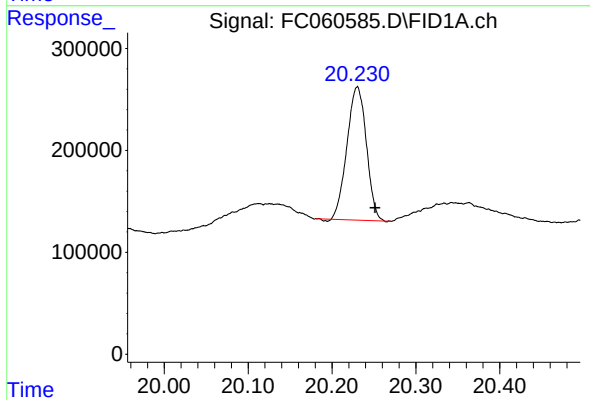
#21 n-Octatriacontane (C38)

R.T.: 19.585 min
Delta R.T.: -0.017 min
Response: 2319130
Conc: 21.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.230 min
Delta R.T.: -0.021 min
Response: 2098943
Conc: 18.58 ug/ml