

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062822AL\
 Data File : FC060483.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 10:53
 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 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 28 15:54:22 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)	10.639	3713832	20.266 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
12) S 1-chlorooctadecane (S...	12.004	2956969	20.062 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	2.627	3132655	20.422 ug/ml
2) T n-Decane (C10)	3.624	3167054	20.738 ug/ml
3) T A~Naphthalene (C11.7)	5.164	3482543	20.830 ug/ml
4) T n-Dodecane (C12)	5.573	3351445	20.737 ug/ml
5) T A~2-methylnaphthalene...	6.188	3530608	20.770 ug/ml
6) T n-Tetradecane (C14)	7.323	3416135	20.679 ug/ml
7) T n-Hexadecane (C16)	8.886	3474706	20.560 ug/ml
8) T n-Octadecane (C18)	10.292	3505718	20.377 ug/ml
10) T n-Eicosane (C20)	11.569	3447661	20.201 ug/ml
11) T n-Heneicosane (C21)	12.167	3417266	20.043 ug/ml
13) T n-Docosane (C22)	12.738	3476619	20.395 ug/ml
14) T n-Tetracosane (C24)	13.815	3379100	20.126 ug/ml
15) T n-Hexacosane (C26)	14.811	3286663	20.001 ug/ml
16) T n-Octacosane (C28)	15.739	3188934	20.097 ug/ml
17) T n-Tricontane (C30)	16.604	3107650	20.415 ug/ml
18) T n-Dotriacontane (C32)	17.416	2899887	19.949 ug/ml
19) T n-Tetratriacontane (C34)	18.180	2633288	20.733 ug/ml
20) T n-Hexatriacontane (C36)	18.901	2403929	21.420 ug/mlm
21) T n-Octatriacontane (C38)	19.581	2334269	21.324 ug/ml
22) T n-Tetracontane (C40)	20.228	2336982	20.692 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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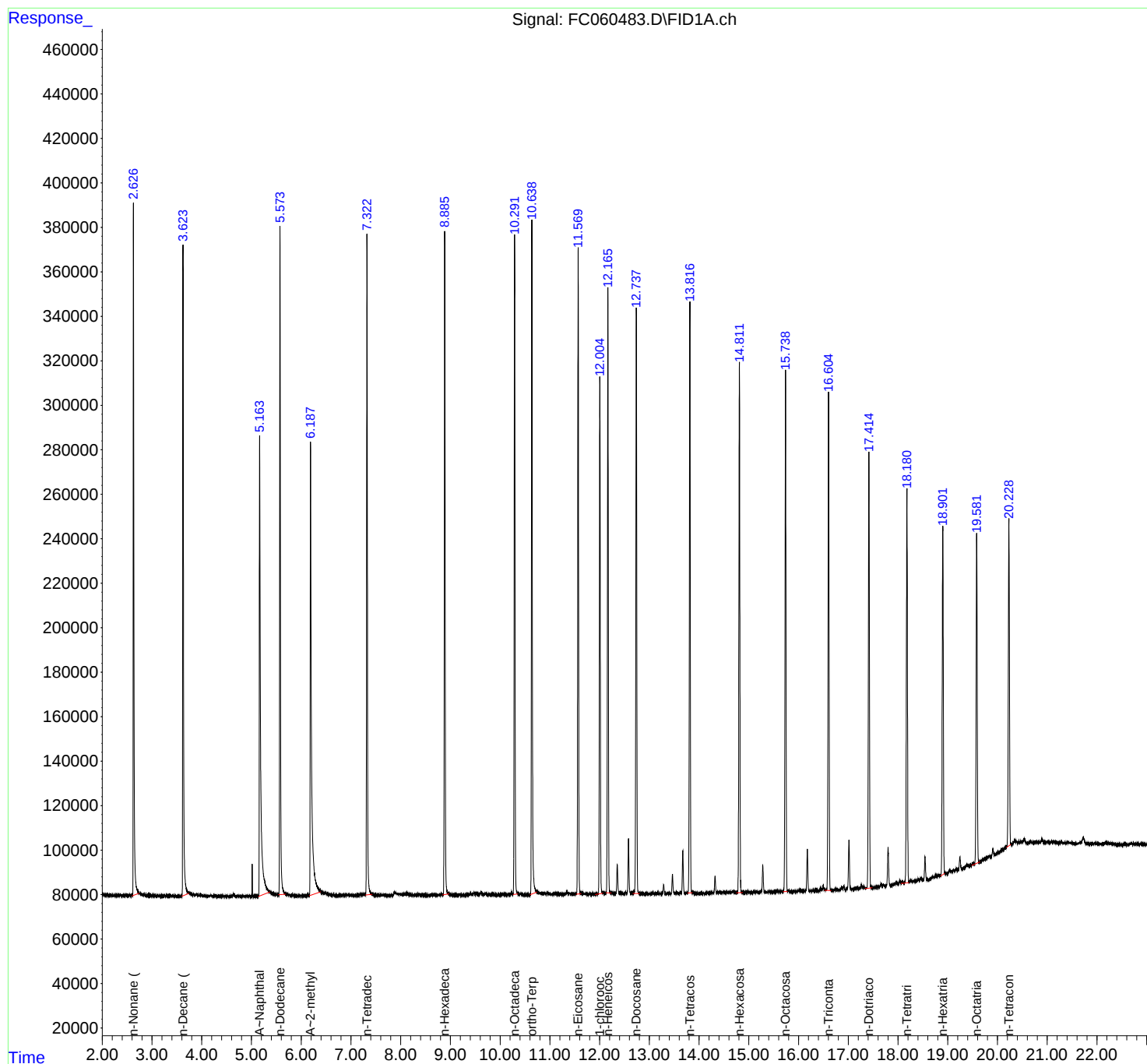
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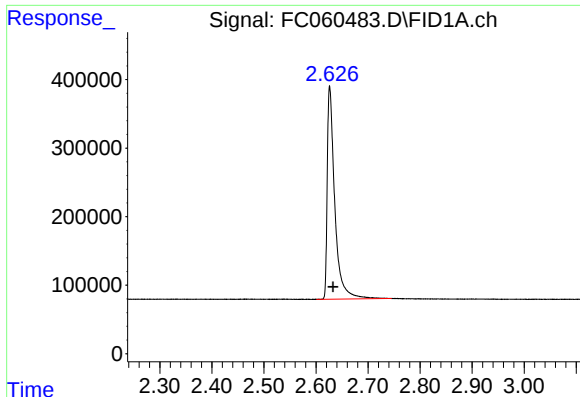
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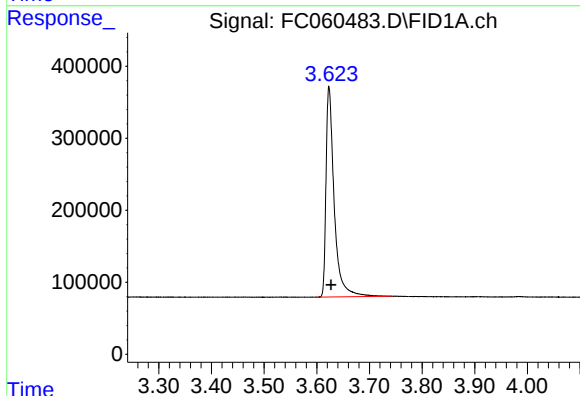
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.006 min
Response: 3132655
Conc: 20.42 ug/ml

Instrument :
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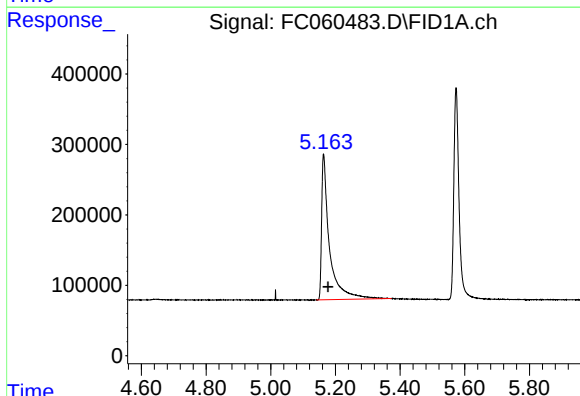
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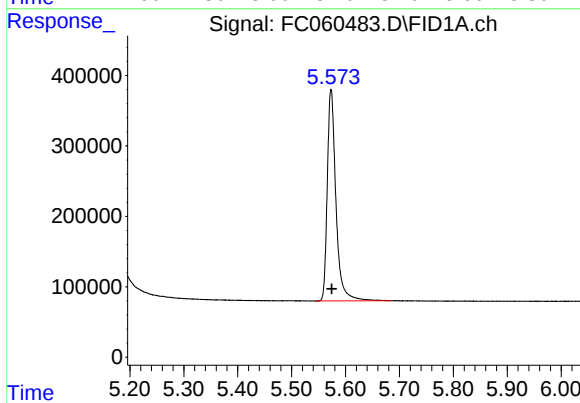
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.003 min
Response: 3167054
Conc: 20.74 ug/ml



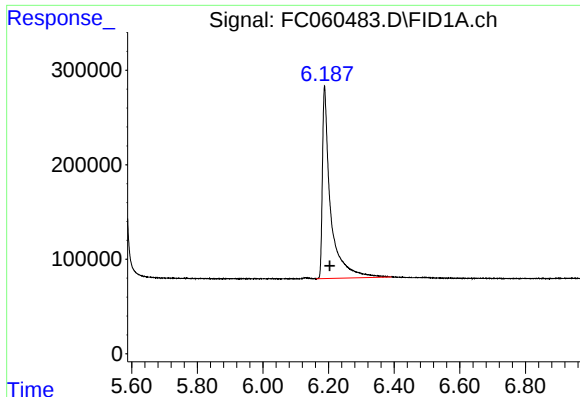
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.013 min
Response: 3482543
Conc: 20.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.573 min
Delta R.T.: -0.001 min
Response: 3351445
Conc: 20.74 ug/ml



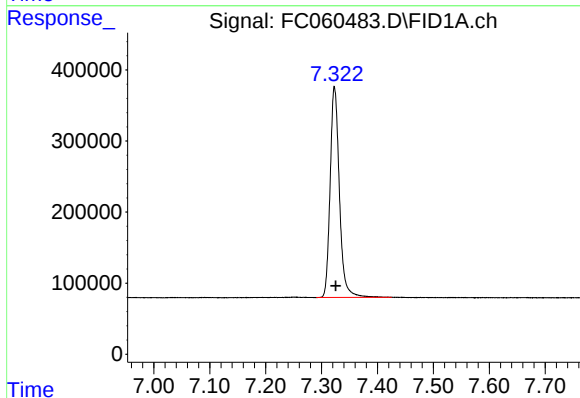
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.016 min
Response: 3530608
Conc: 20.77 ug/ml

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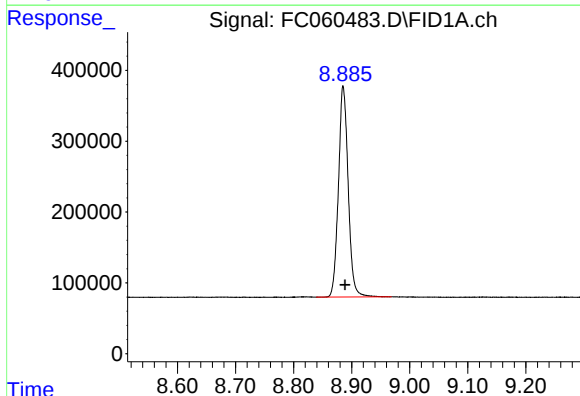
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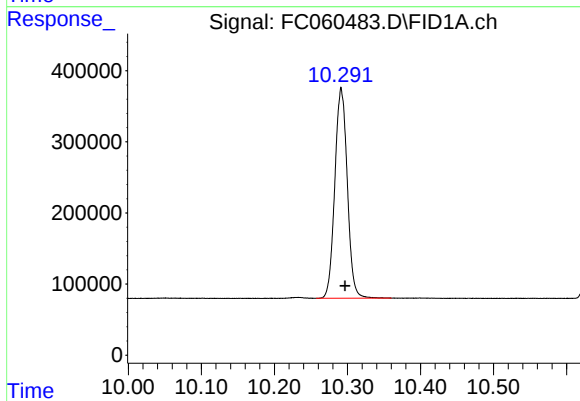
#6 n-Tetradecane (C14)

R.T.: 7.323 min
Delta R.T.: -0.002 min
Response: 3416135
Conc: 20.68 ug/ml



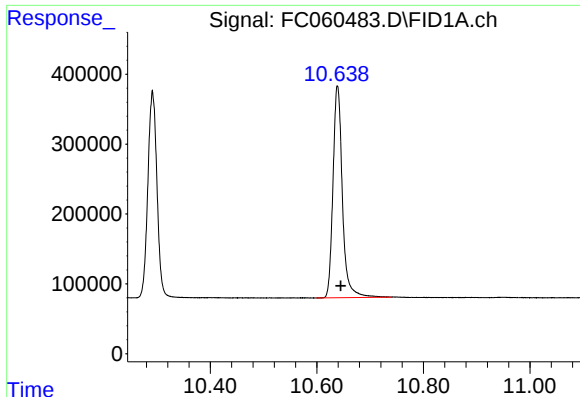
#7 n-Hexadecane (C16)

R.T.: 8.886 min
Delta R.T.: -0.003 min
Response: 3474706
Conc: 20.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.292 min
Delta R.T.: -0.005 min
Response: 3505718
Conc: 20.38 ug/ml



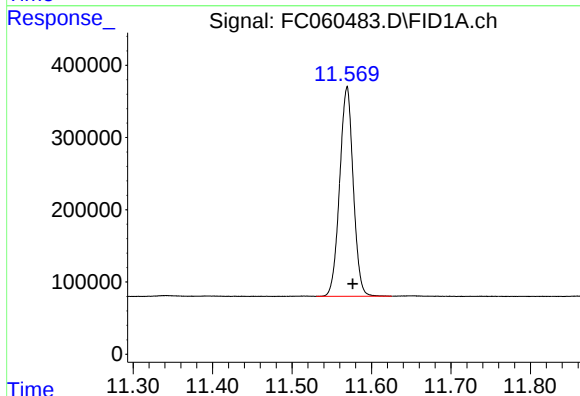
#9 ortho-Terphenyl (SURR)

R.T.: 10.639 min
Delta R.T.: -0.006 min
Response: 3713832
Conc: 20.27 ug/ml

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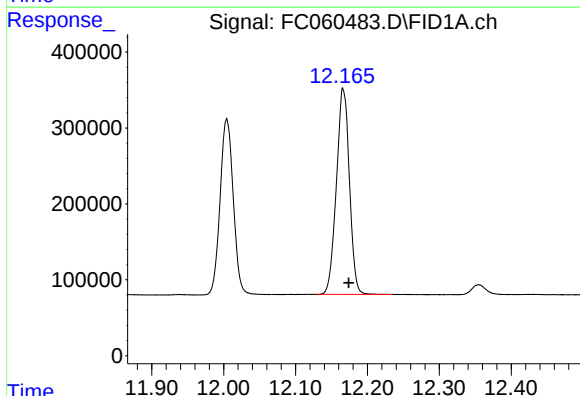
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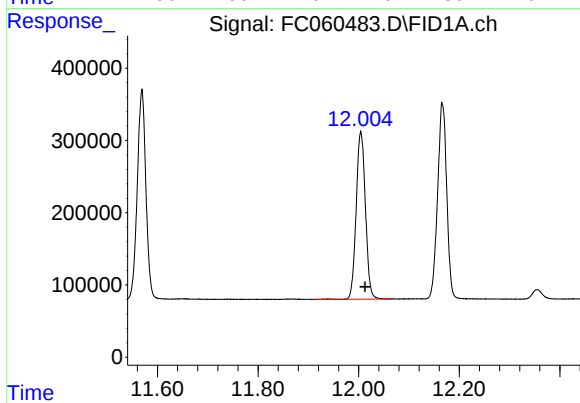
#10 n-Eicosane (C20)

R.T.: 11.569 min
Delta R.T.: -0.007 min
Response: 3447661
Conc: 20.20 ug/ml



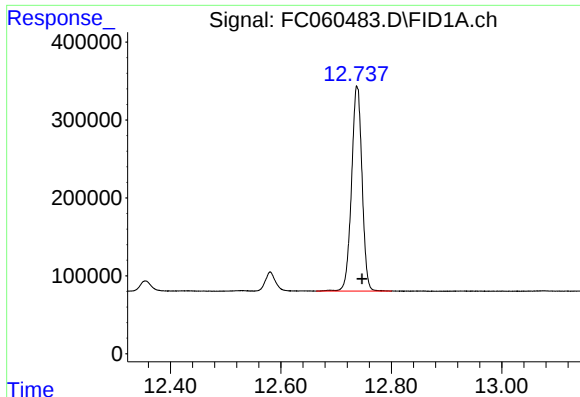
#11 n-Heneicosane (C21)

R.T.: 12.167 min
Delta R.T.: -0.007 min
Response: 3417266
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.004 min
Delta R.T.: -0.008 min
Response: 2956969
Conc: 20.06 ug/ml



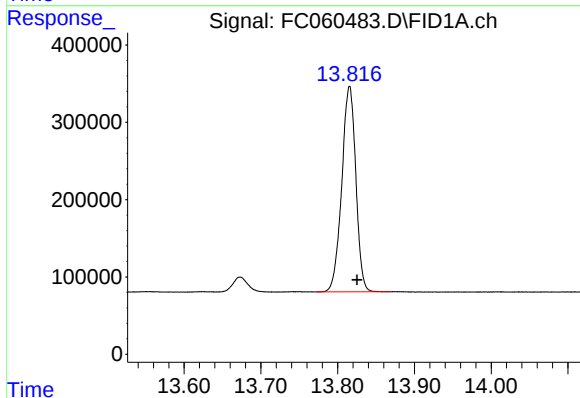
#13 n-Docosane (C22)

R.T.: 12.738 min
Delta R.T.: -0.009 min
Response: 3476619
Conc: 20.40 ug/ml

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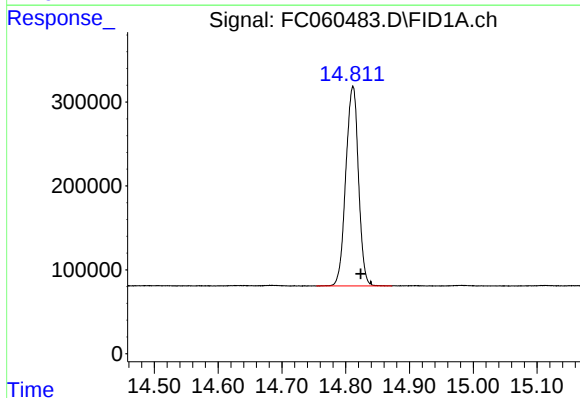
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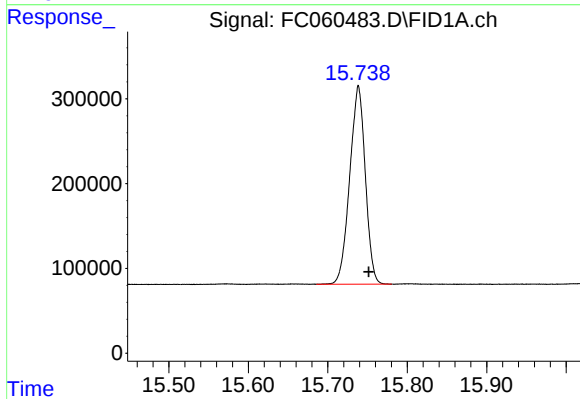
#14 n-Tetracosane (C24)

R.T.: 13.815 min
Delta R.T.: -0.010 min
Response: 3379100
Conc: 20.13 ug/ml



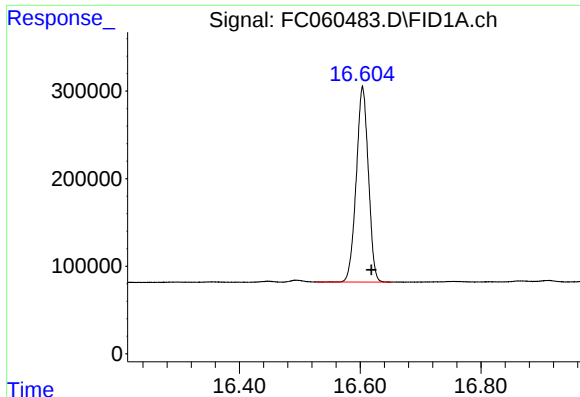
#15 n-Hexacosane (C26)

R.T.: 14.811 min
Delta R.T.: -0.012 min
Response: 3286663
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.739 min
Delta R.T.: -0.013 min
Response: 3188934
Conc: 20.10 ug/ml



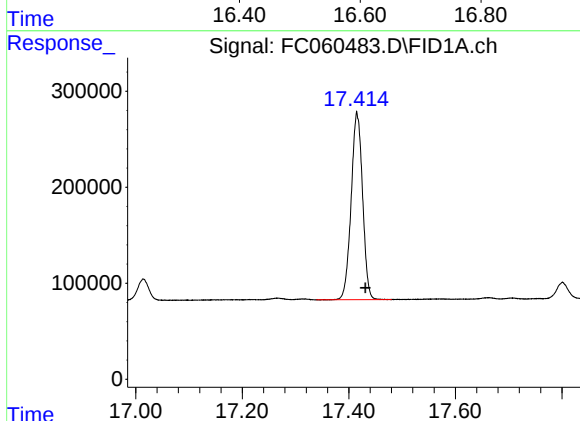
#17 n-Tricontane (C30)

R.T.: 16.604 min
Delta R.T.: -0.015 min
Response: 3107650
Conc: 20.42 ug/ml

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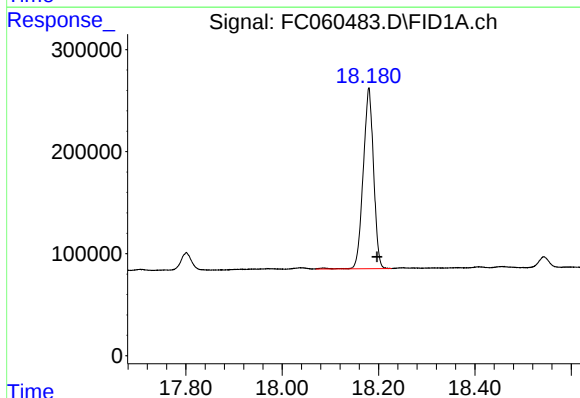
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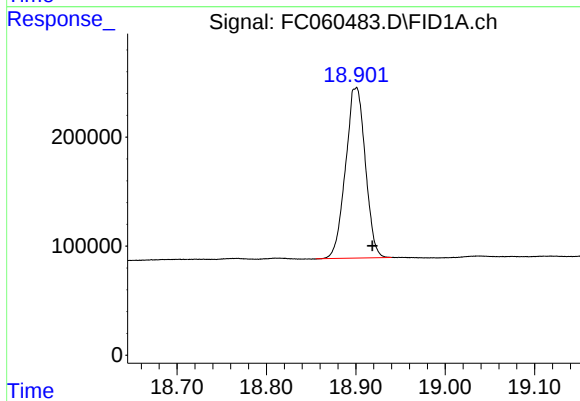
#18 n-Dotriacontane (C32)

R.T.: 17.416 min
Delta R.T.: -0.016 min
Response: 2899887
Conc: 19.95 ug/ml



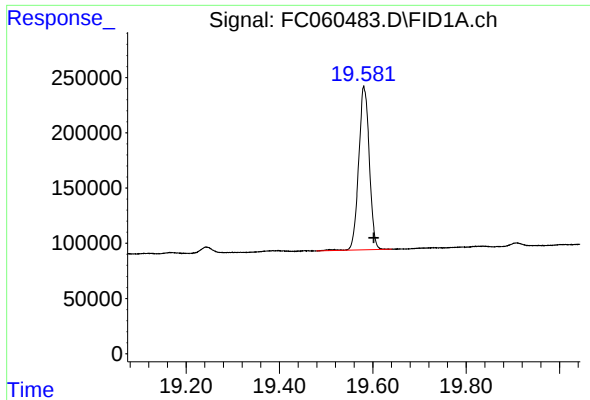
#19 n-Tetratriacontane (C34)

R.T.: 18.180 min
Delta R.T.: -0.017 min
Response: 2633288
Conc: 20.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.901 min
Delta R.T.: -0.018 min
Response: 2403929
Conc: 21.42 ug/ml m



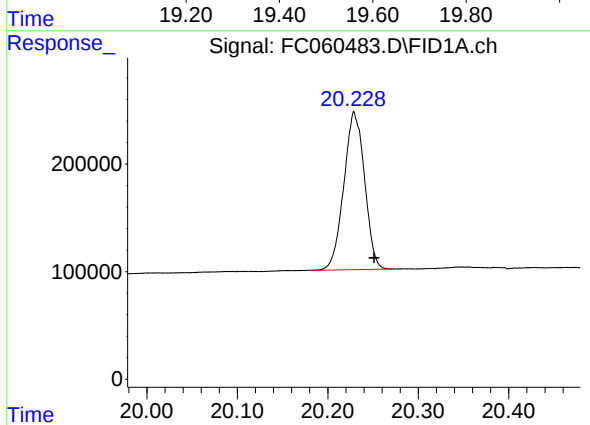
#21 n-Octatriacontane (C38)

R.T.: 19.581 min
Delta R.T.: -0.021 min
Response: 2334269
Conc: 21.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.228 min
Delta R.T.: -0.023 min
Response: 2336982
Conc: 20.69 ug/ml m