

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063022AL\
 Data File : FC060530.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2022 15:23
 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 07/01/2022
 Supervised By :Ankita Jodhani 07/01/2022

Integration File: autoint1.e
 Quant Time: Jul 01 05:00:02 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)	10.633	3883283	21.190 ug/ml
Spiked Amount 50.000		Recovery =	42.38%
12) S 1-chlorooctadecane (S...	11.998	3123786	21.193 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
Target Compounds			
1) T n-Nonane (C9)	2.626	3222217	21.006 ug/ml
2) T n-Decane (C10)	3.621	3255095	21.314 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3596902	21.514 ug/ml
4) T n-Dodecane (C12)	5.569	3484303	21.559 ug/ml
5) T A~2-methylnaphthalene...	6.186	3626671	21.335 ug/ml
6) T n-Tetradecane (C14)	7.318	3548170	21.478 ug/ml
7) T n-Hexadecane (C16)	8.879	3631082	21.485 ug/ml
8) T n-Octadecane (C18)	10.286	3681254	21.397 ug/ml
10) T n-Eicosane (C20)	11.563	3640976	21.334 ug/ml
11) T n-Heneicosane (C21)	12.160	3623514	21.252 ug/ml
13) T n-Docosane (C22)	12.732	3677074	21.571 ug/ml
14) T n-Tetracosane (C24)	13.809	3629791	21.619 ug/ml
15) T n-Hexacosane (C26)	14.805	3531067	21.488 ug/ml
16) T n-Octacosane (C28)	15.731	3457586	21.790 ug/ml
17) T n-Tricontane (C30)	16.596	3405665	22.373 ug/ml
18) T n-Dotriacontane (C32)	17.407	3176605	21.853 ug/ml
19) T n-Tetratriacontane (C34)	18.171	2832676	22.303 ug/ml
20) T n-Hexatriacontane (C36)	18.892	2571594	22.914 ug/ml
21) T n-Octatriacontane (C38)	19.571	2460718	22.479 ug/mlm
22) T n-Tetracontane (C40)	20.221	2458973	21.772 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

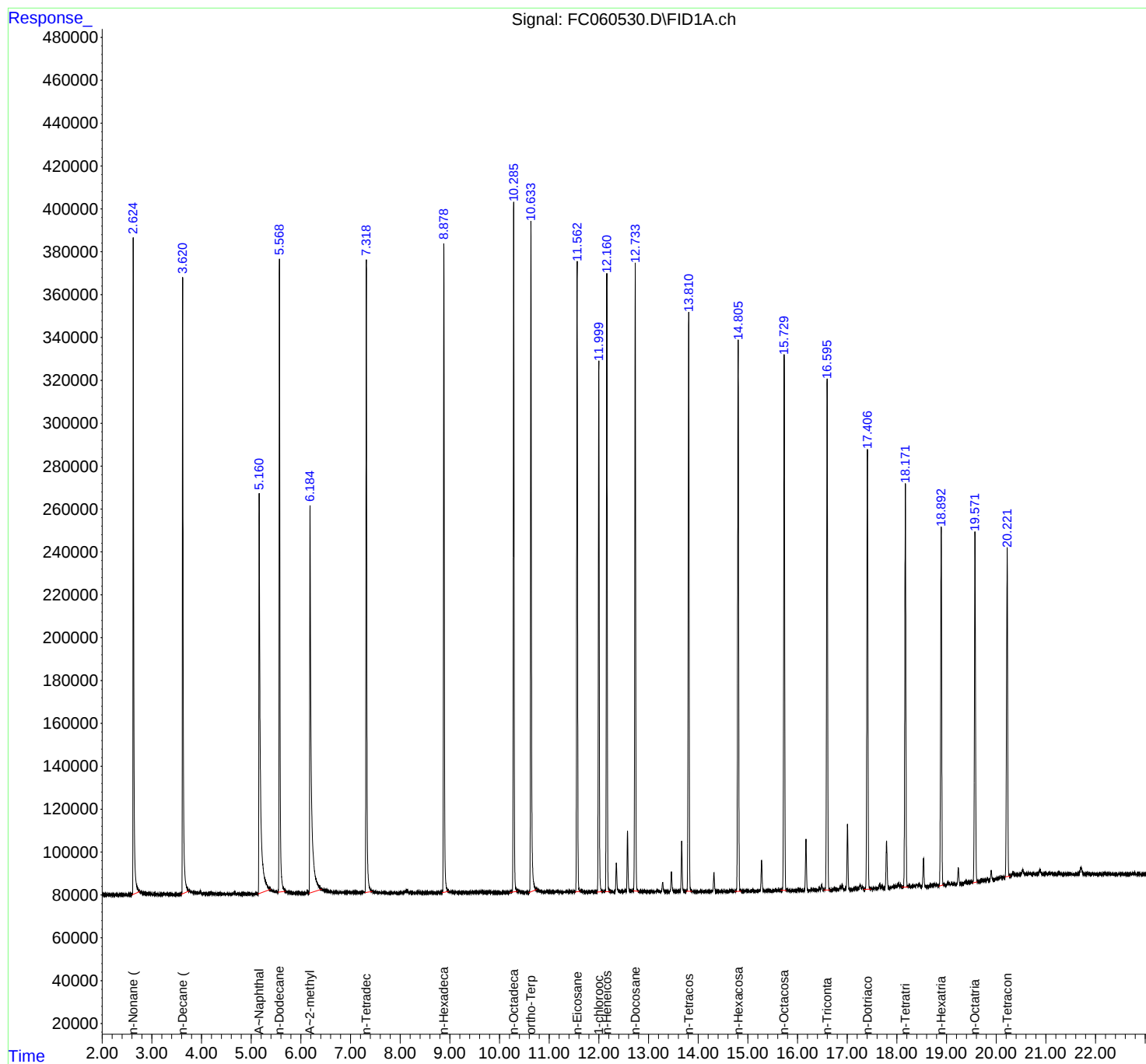
Instrument :
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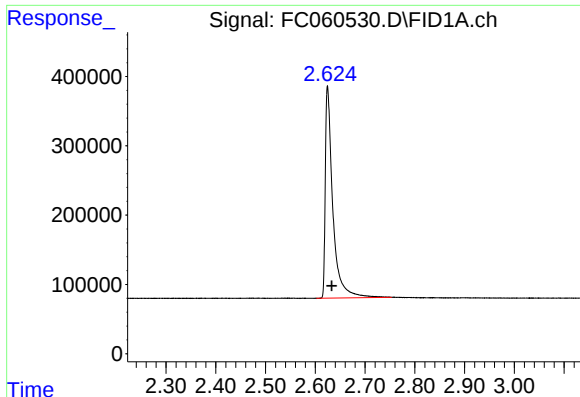
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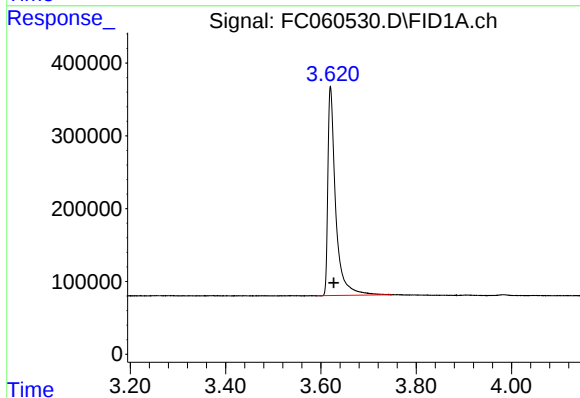
#1 n-Nonane (C9)

R.T.: 2.626 min
Delta R.T.: -0.007 min
Response: 3222217
Conc: 21.01 ug/ml

Instrument :
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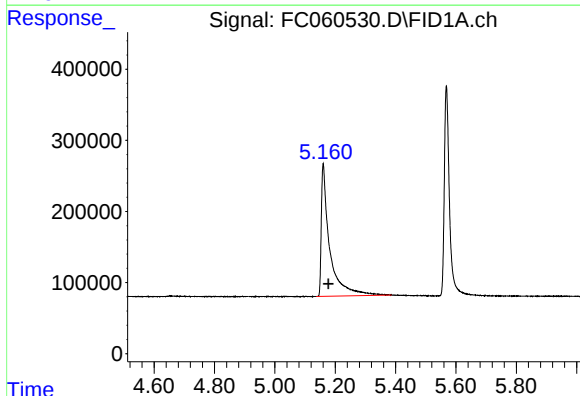
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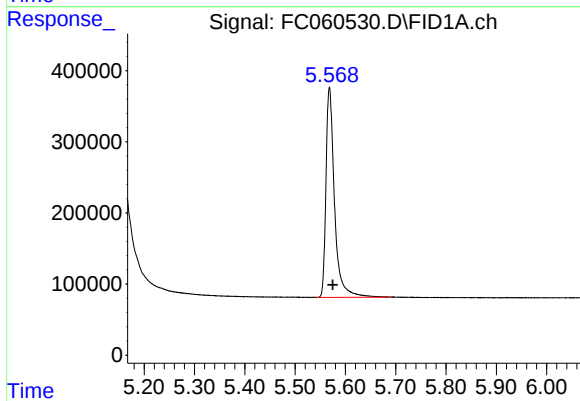
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.006 min
Response: 3255095
Conc: 21.31 ug/ml



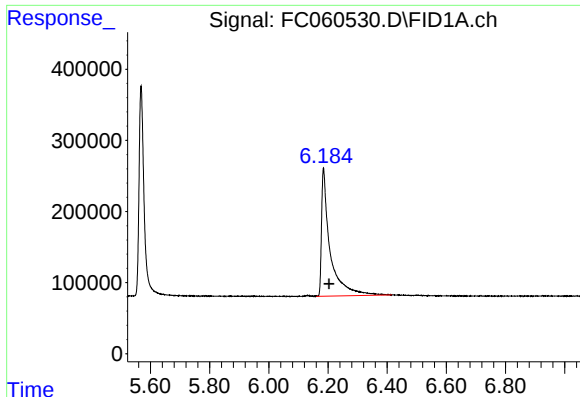
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.016 min
Response: 3596902
Conc: 21.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.569 min
Delta R.T.: -0.006 min
Response: 3484303
Conc: 21.56 ug/ml



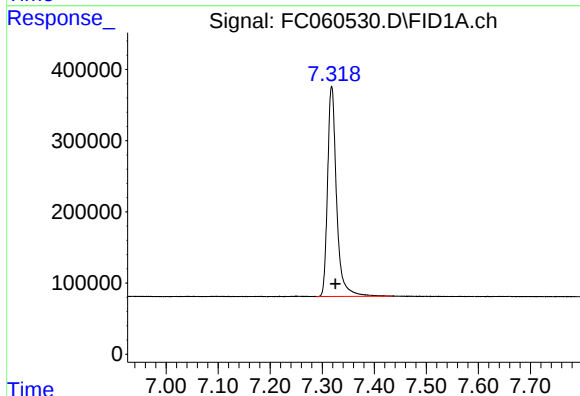
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.186 min
Delta R.T.: -0.019 min
Response: 3626671
Conc: 21.33 ug/ml

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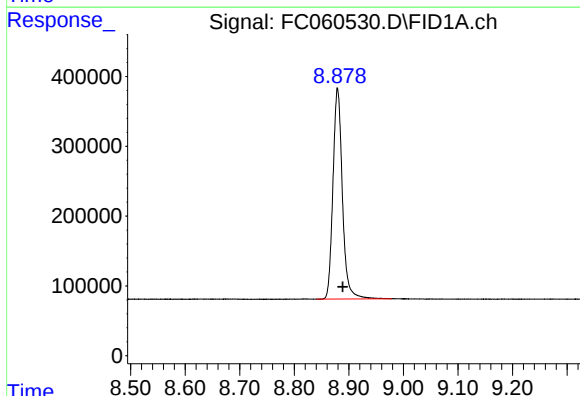
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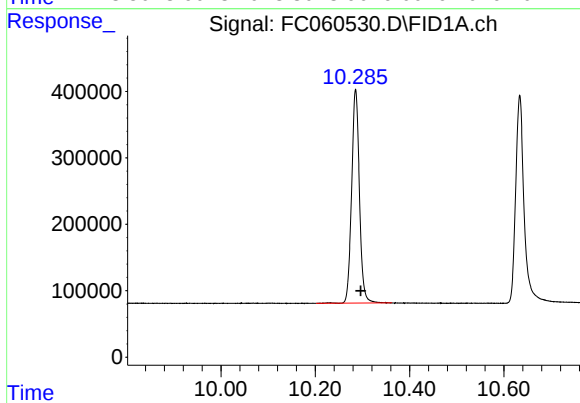
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 3548170
Conc: 21.48 ug/ml



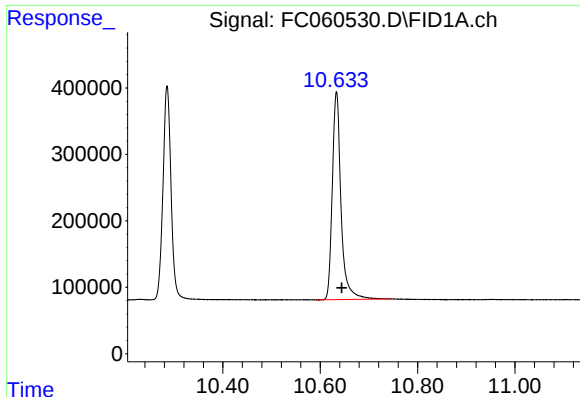
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: -0.009 min
Response: 3631082
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.286 min
Delta R.T.: -0.011 min
Response: 3681254
Conc: 21.40 ug/ml



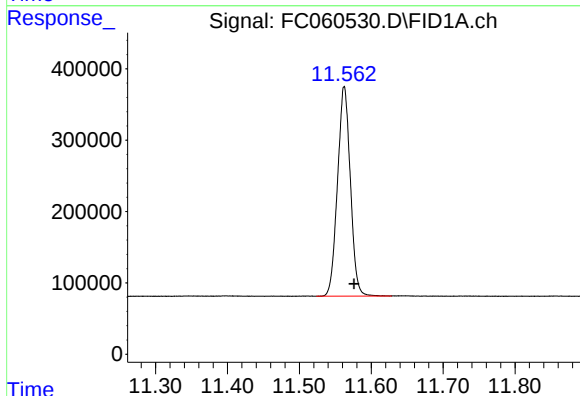
#9 ortho-Terphenyl (SURR)

R.T.: 10.633 min
Delta R.T.: -0.011 min
Response: 3883283
Conc: 21.19 ug/ml

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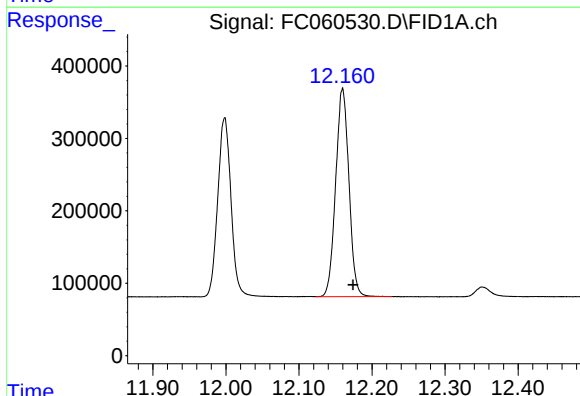
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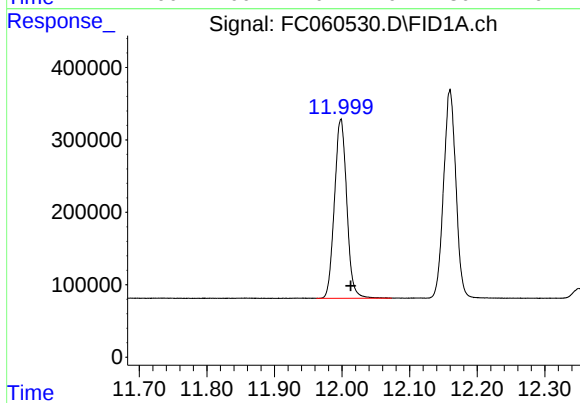
#10 n-Eicosane (C20)

R.T.: 11.563 min
Delta R.T.: -0.014 min
Response: 3640976
Conc: 21.33 ug/ml



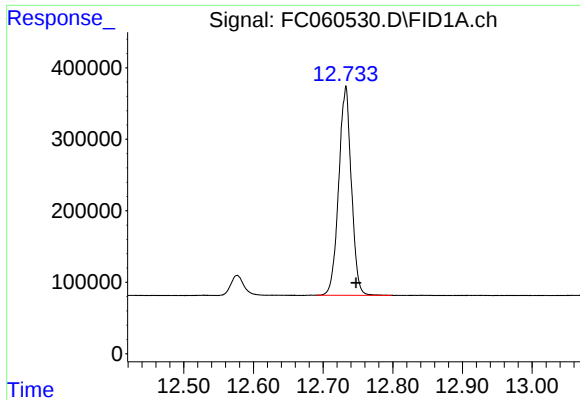
#11 n-Heneicosane (C21)

R.T.: 12.160 min
Delta R.T.: -0.014 min
Response: 3623514
Conc: 21.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.998 min
Delta R.T.: -0.014 min
Response: 3123786
Conc: 21.19 ug/ml



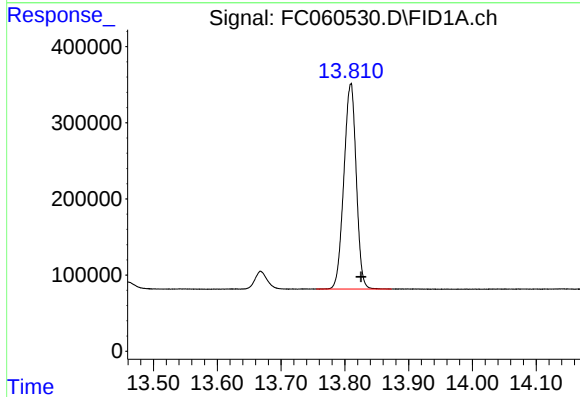
#13 n-Docosane (C22)

R.T.: 12.732 min
Delta R.T.: -0.015 min
Response: 3677074
Conc: 21.57 ug/ml

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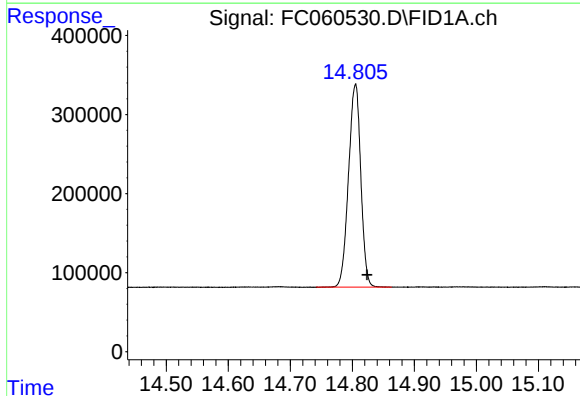
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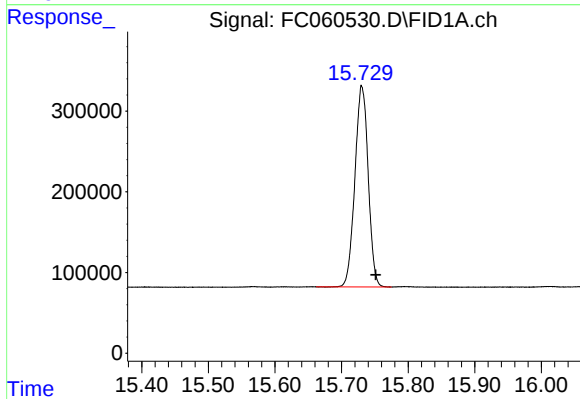
#14 n-Tetracosane (C24)

R.T.: 13.809 min
Delta R.T.: -0.016 min
Response: 3629791
Conc: 21.62 ug/ml



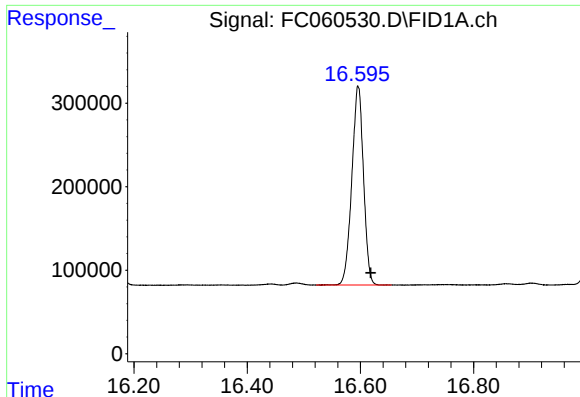
#15 n-Hexacosane (C26)

R.T.: 14.805 min
Delta R.T.: -0.019 min
Response: 3531067
Conc: 21.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.731 min
Delta R.T.: -0.021 min
Response: 3457586
Conc: 21.79 ug/ml



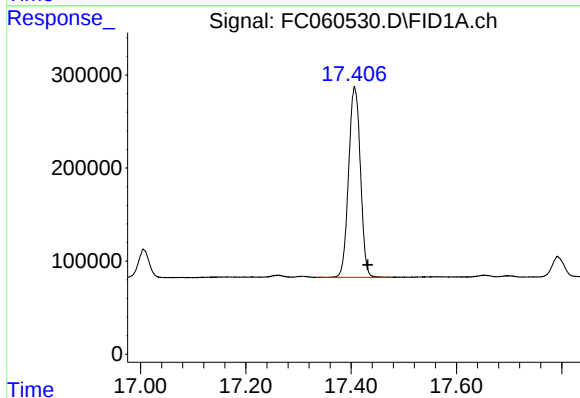
#17 n-Tricontane (C30)

R.T.: 16.596 min
Delta R.T.: -0.022 min
Response: 3405665
Conc: 22.37 ug/ml

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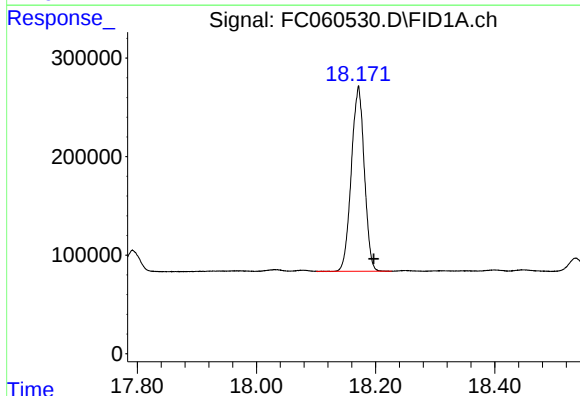
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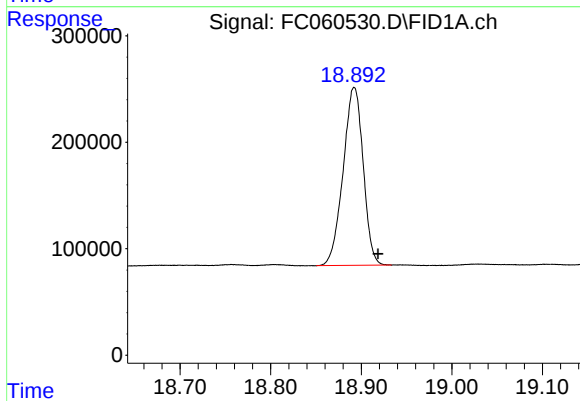
#18 n-Dotriacontane (C32)

R.T.: 17.407 min
Delta R.T.: -0.025 min
Response: 3176605
Conc: 21.85 ug/ml



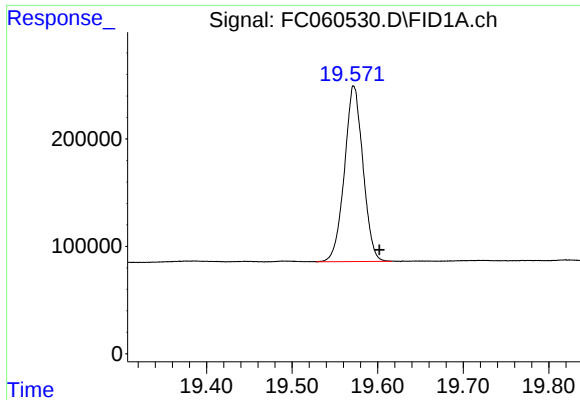
#19 n-Tetratriacontane (C34)

R.T.: 18.171 min
Delta R.T.: -0.026 min
Response: 2832676
Conc: 22.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.892 min
Delta R.T.: -0.026 min
Response: 2571594
Conc: 22.91 ug/ml



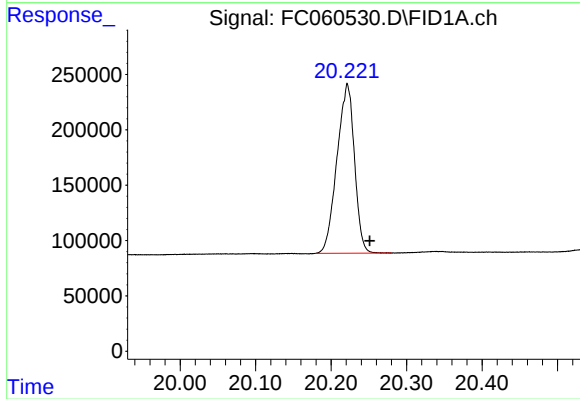
#21 n-Octatriacontane (C38)

R.T.: 19.571 min
Delta R.T.: -0.031 min
Response: 2460718
Conc: 22.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.221 min
Delta R.T.: -0.030 min
Response: 2458973
Conc: 21.77 ug/ml