

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011025AL\
 Data File : FC068097.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jan 2025 15:20
 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 01/13/2025
 Supervised By :Ankita Jodhani 01/13/2025

Integration File: autoint1.e
 Quant Time: Jan 10 22:08:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 12:18:53 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)	11.430	3116265	20.262 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
12) S 1-chlorooctadecane (S...	12.870	2299083	20.255 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
Target Compounds			
1) T n-Nonane (C9)	3.233	2722862	19.851 ug/ml
2) T n-Decane (C10)	4.292	2772559	20.061 ug/ml
3) T A~Naphthalene (C11.7)	5.861	3017049	20.064 ug/ml
4) T n-Dodecane (C12)	6.301	2783623	20.130 ug/ml
5) T A~2-methylnaphthalene...	6.914	2902728	20.111 ug/ml
6) T n-Tetradecane (C14)	8.090	2725272	20.166 ug/ml
7) T n-Hexadecane (C16)	9.686	2783321	20.281 ug/ml
8) T n-Octadecane (C18)	11.124	2785209	20.233 ug/ml
10) T n-Eicosane (C20)	12.429	2661798	20.291 ug/ml
11) T n-Heneicosane (C21)	13.039	2606038	20.275 ug/ml
13) T n-Docosane (C22)	13.624	2598520	20.488 ug/ml
14) T n-Tetracosane (C24)	14.724	2615286	20.949 ug/ml
15) T n-Hexacosane (C26)	15.743	2573191	21.119 ug/ml
16) T n-Octacosane (C28)	16.691	2558258	21.529 ug/ml
17) T n-Tricontane (C30)	17.576	2617735	21.934 ug/ml
18) T n-Dotriacontane (C32)	18.406	2508610	22.049 ug/mlm
19) T n-Tetratriacontane (C34)	19.190	2180565	21.906 ug/mlm
20) T n-Hexatriacontane (C36)	19.926	1852062	21.311 ug/mlm
21) T n-Octatriacontane (C38)	20.641	1719104	20.807 ug/mlm
22) T n-Tetracontane (C40)	21.502	1639543	20.380 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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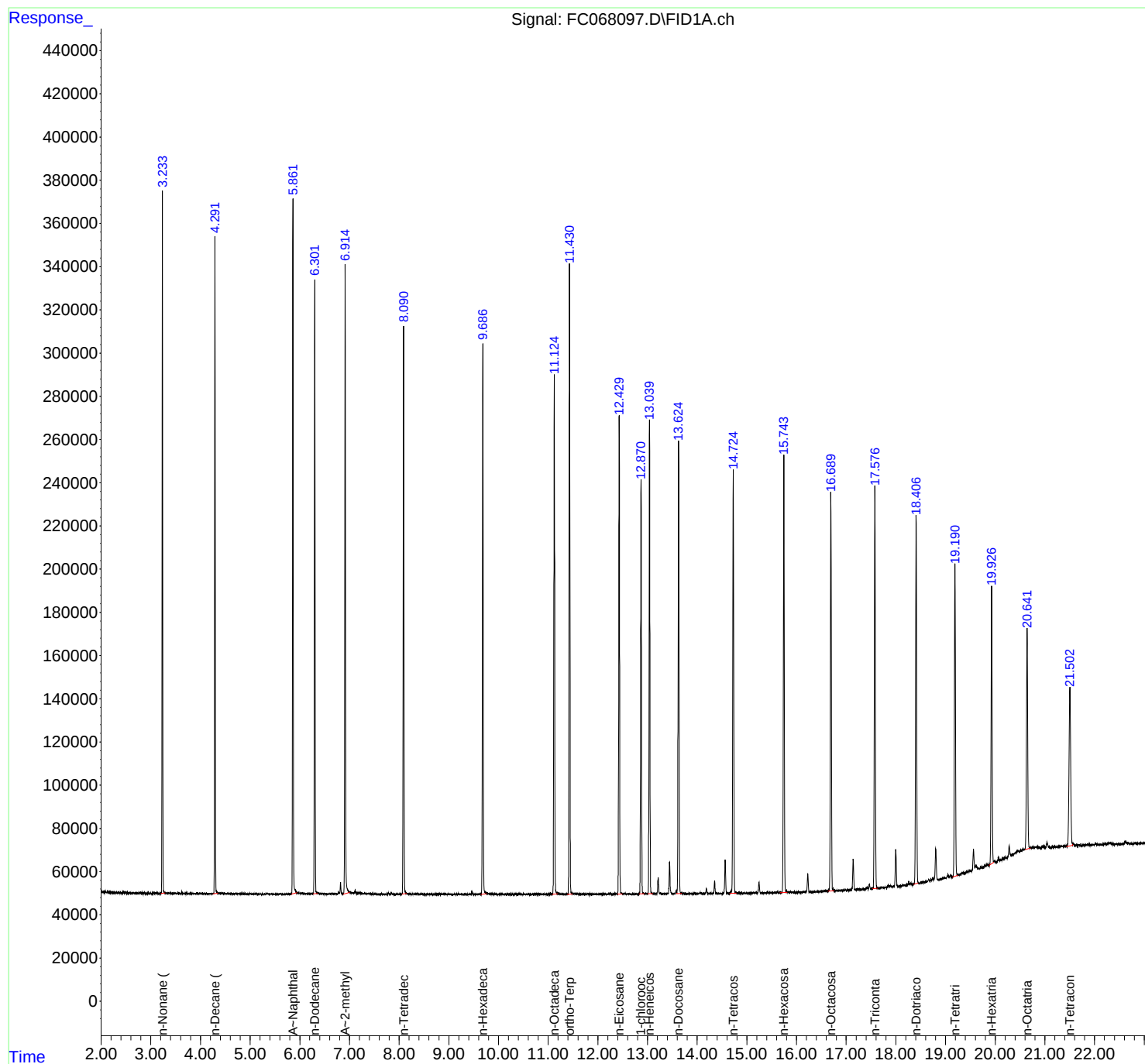
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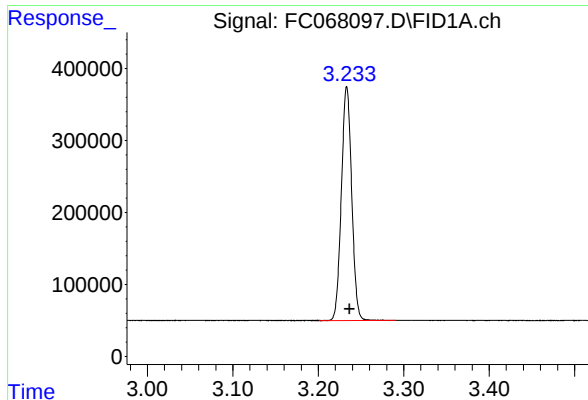
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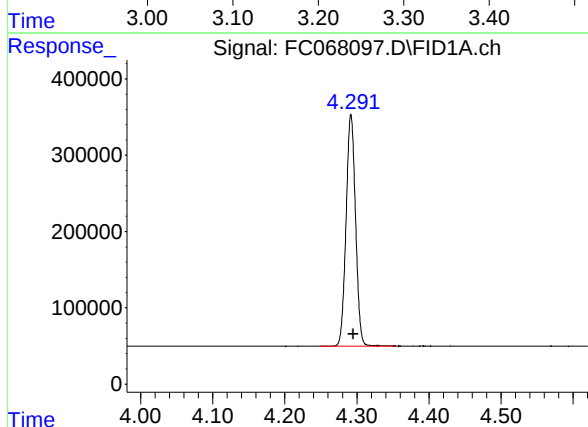
#1 n-Nonane (C9)

R.T.: 3.233 min
Delta R.T.: -0.004 min
Response: 2722862
Conc: 19.85 ug/ml

Instrument :
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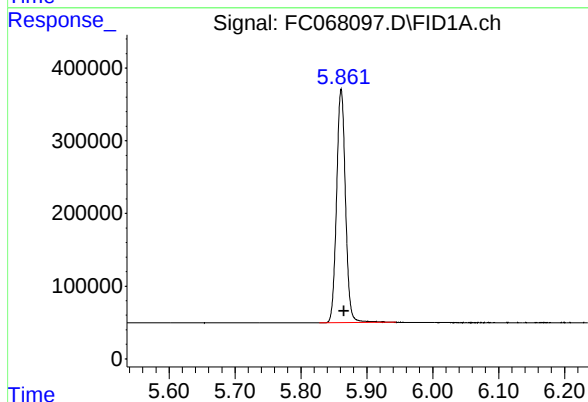
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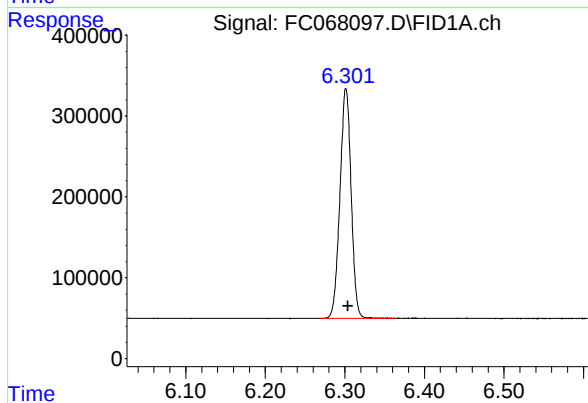
#2 n-Decane (C10)

R.T.: 4.292 min
Delta R.T.: -0.003 min
Response: 2772559
Conc: 20.06 ug/ml



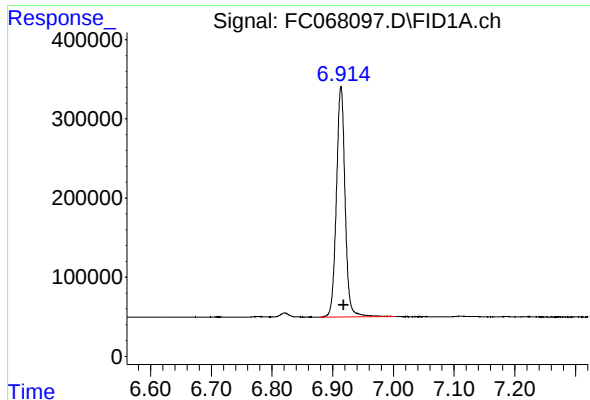
#3 A~Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: -0.004 min
Response: 3017049
Conc: 20.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.301 min
Delta R.T.: -0.002 min
Response: 2783623
Conc: 20.13 ug/ml



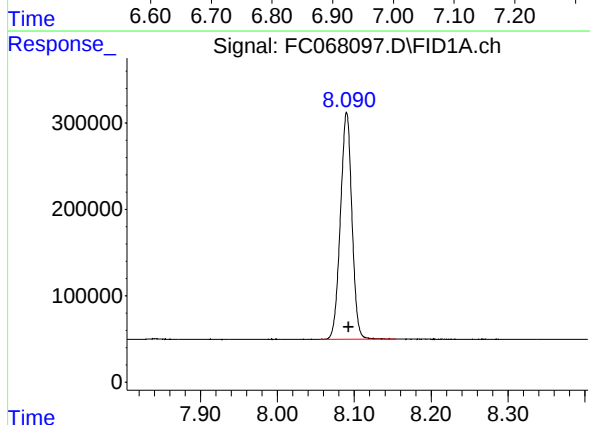
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: -0.004 min
Response: 2902728
Conc: 20.11 ug/ml

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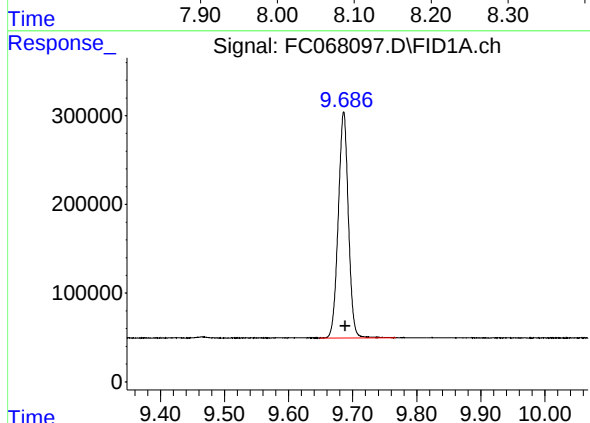
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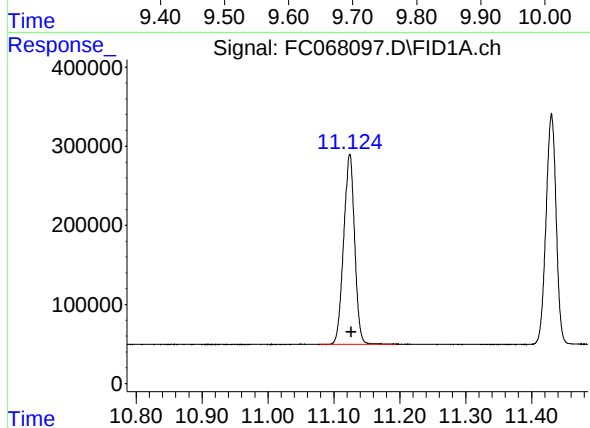
#6 n-Tetradecane (C14)

R.T.: 8.090 min
Delta R.T.: -0.003 min
Response: 2725272
Conc: 20.17 ug/ml



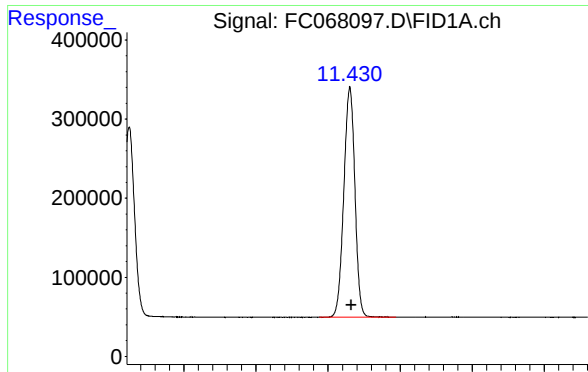
#7 n-Hexadecane (C16)

R.T.: 9.686 min
Delta R.T.: -0.003 min
Response: 2783321
Conc: 20.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.124 min
Delta R.T.: -0.003 min
Response: 2785209
Conc: 20.23 ug/ml



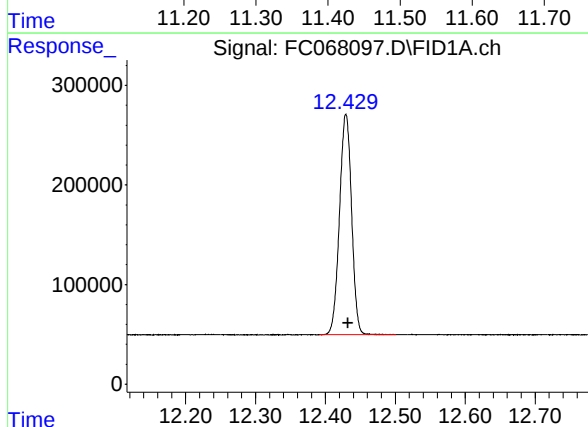
#9 ortho-Terphenyl (SURR)

R.T.: 11.430 min
Delta R.T.: -0.002 min
Response: 3116265
Conc: 20.26 ug/ml

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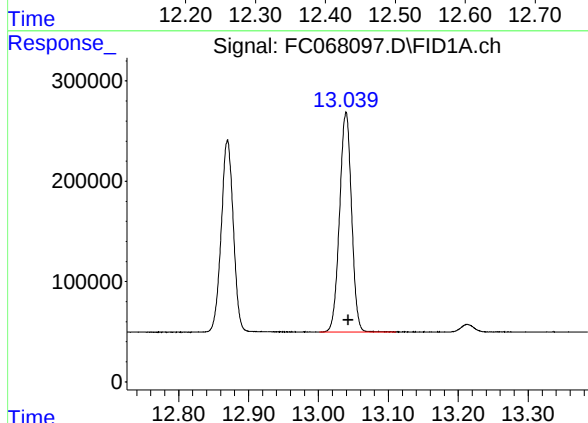
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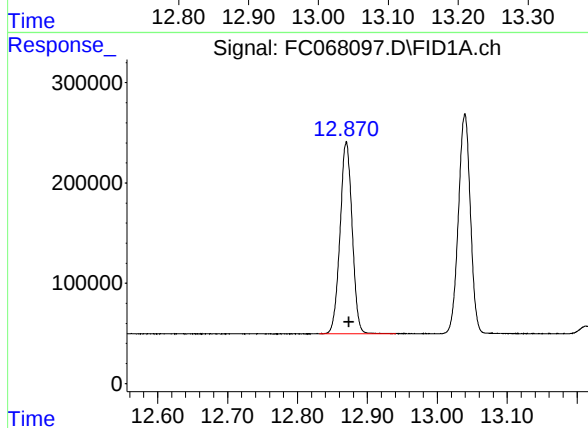
#10 n-Eicosane (C20)

R.T.: 12.429 min
Delta R.T.: -0.003 min
Response: 2661798
Conc: 20.29 ug/ml



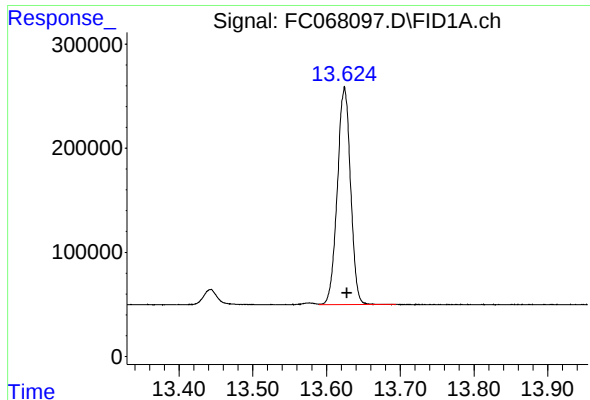
#11 n-Heneicosane (C21)

R.T.: 13.039 min
Delta R.T.: -0.003 min
Response: 2606038
Conc: 20.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.870 min
Delta R.T.: -0.004 min
Response: 2299083
Conc: 20.26 ug/ml



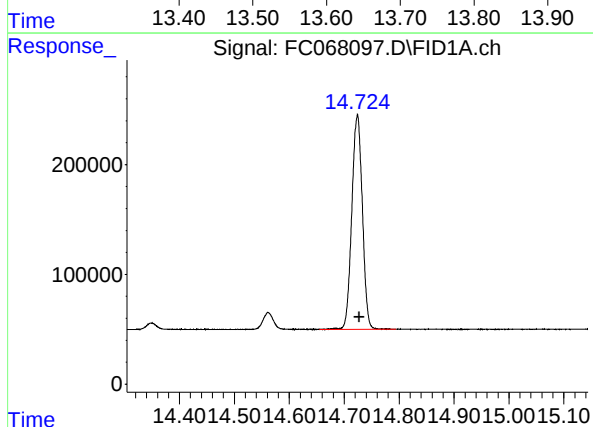
#13 n-Docosane (C22)

R.T.: 13.624 min
Delta R.T.: -0.003 min
Response: 2598520
Conc: 20.49 ug/ml

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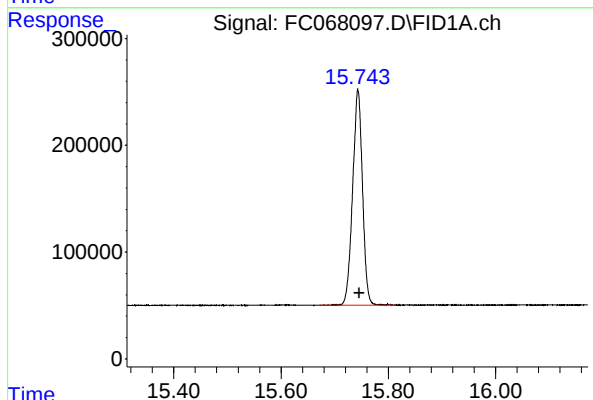
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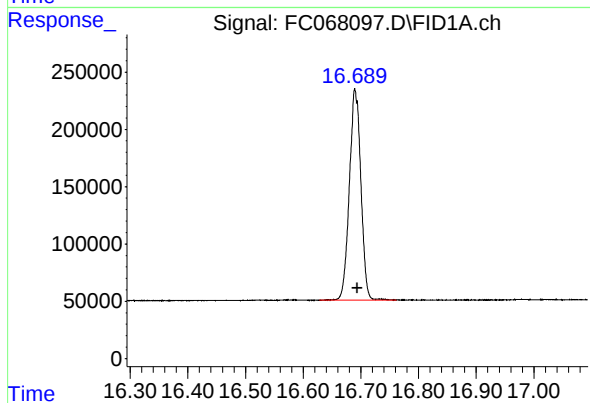
#14 n-Tetracosane (C24)

R.T.: 14.724 min
Delta R.T.: -0.004 min
Response: 2615286
Conc: 20.95 ug/ml



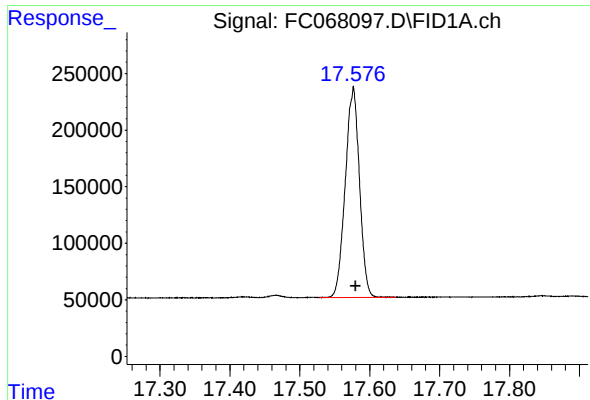
#15 n-Hexacosane (C26)

R.T.: 15.743 min
Delta R.T.: -0.003 min
Response: 2573191
Conc: 21.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.691 min
Delta R.T.: -0.003 min
Response: 2558258
Conc: 21.53 ug/ml



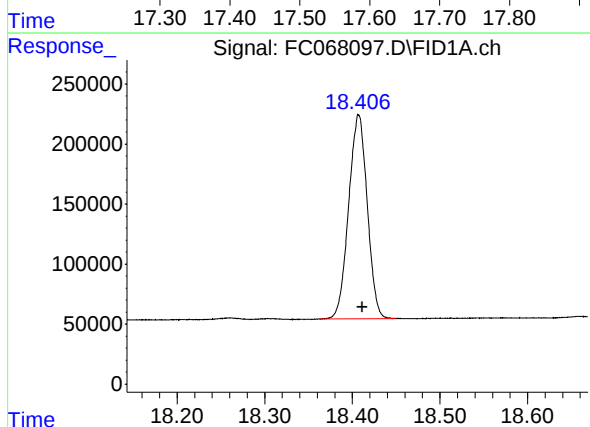
#17 n-Tricontane (C30)

R.T.: 17.576 min
Delta R.T.: -0.004 min
Response: 2617735
Conc: 21.93 ug/ml

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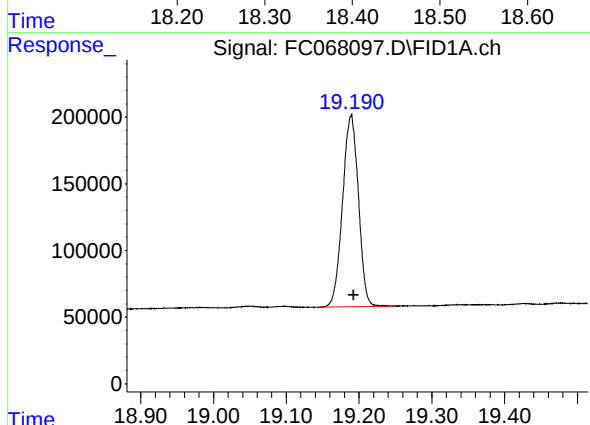
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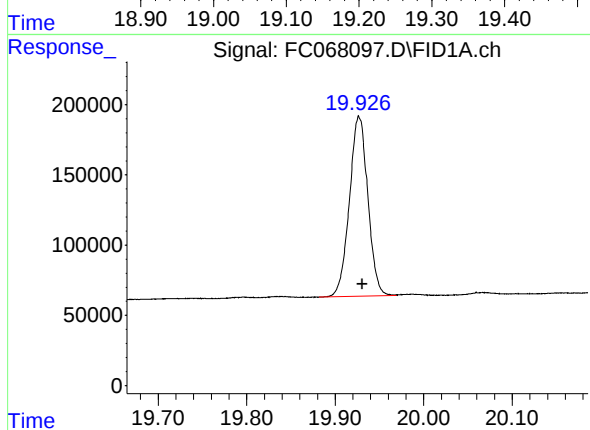
#18 n-Dotriacontane (C32)

R.T.: 18.406 min
Delta R.T.: -0.005 min
Response: 2508610
Conc: 22.05 ug/ml m



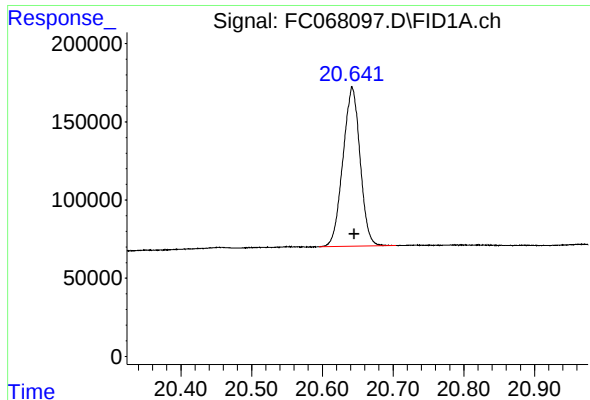
#19 n-Tetatriacontane (C34)

R.T.: 19.190 min
Delta R.T.: -0.003 min
Response: 2180565
Conc: 21.91 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.926 min
Delta R.T.: -0.005 min
Response: 1852062
Conc: 21.31 ug/ml m



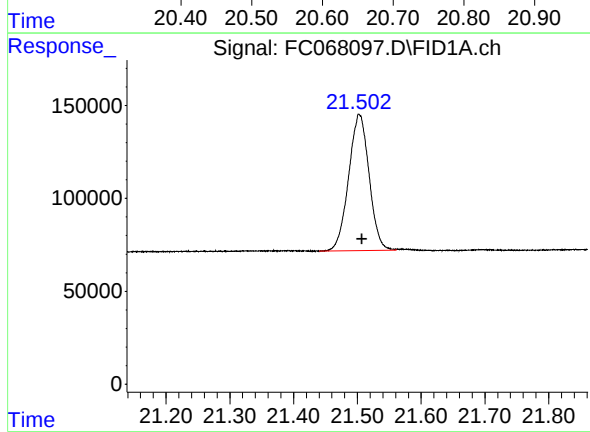
#21 n-Octatriacontane (C38)

R.T.: 20.641 min
Delta R.T.: -0.004 min
Response: 1719104
Conc: 20.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.502 min
Delta R.T.: -0.005 min
Response: 1639543
Conc: 20.38 ug/ml m