

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062824AL\
 Data File : FC066682.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2024 13:15
 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 07/01/2024
 Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e
 Quant Time: Jun 29 02:17:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.530	3220015	18.668 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
12) S 1-chlorooctadecane (S...	12.968	2461599	17.840 ug/ml
Spiked Amount 50.000		Recovery =	35.68%
Target Compounds			
1) T n-Nonane (C9)	3.291	2565530	17.657 ug/ml
2) T n-Decane (C10)	4.357	2740812	18.375 ug/ml
3) T A~Naphthalene (C11.7)	5.940	2965556	18.265 ug/ml
4) T n-Dodecane (C12)	6.377	2806604	18.518 ug/ml
5) T A~2-methylnaphthalene...	6.997	2893736	18.215 ug/ml
6) T n-Tetradecane (C14)	8.173	2850880	18.795 ug/ml
7) T n-Hexadecane (C16)	9.774	3045966	19.015 ug/ml
8) T n-Octadecane (C18)	11.216	3156318	19.023 ug/ml
10) T n-Eicosane (C20)	12.524	3060465	18.826 ug/ml
11) T n-Heneicosane (C21)	13.137	2996072	18.595 ug/ml
13) T n-Docosane (C22)	13.723	3000589	18.716 ug/ml
14) T n-Tetracosane (C24)	14.824	2973415	18.735 ug/mlm
15) T n-Hexacosane (C26)	15.845	2879161	18.856 ug/ml
16) T n-Octacosane (C28)	16.794	2863118	19.849 ug/mlm
17) T n-Tricontane (C30)	17.683	3052937	21.851 ug/ml
18) T n-Dotriacontane (C32)	18.515	2971783	22.518 ug/ml
19) T n-Tetratriacontane (C34)	19.298	2657598	21.489 ug/ml
20) T n-Hexatriacontane (C36)	20.038	2324728	19.289 ug/ml
21) T n-Octatriacontane (C38)	20.768	2150027	18.802 ug/mlm
22) T n-Tetracontane (C40)	21.668	1983849	17.664 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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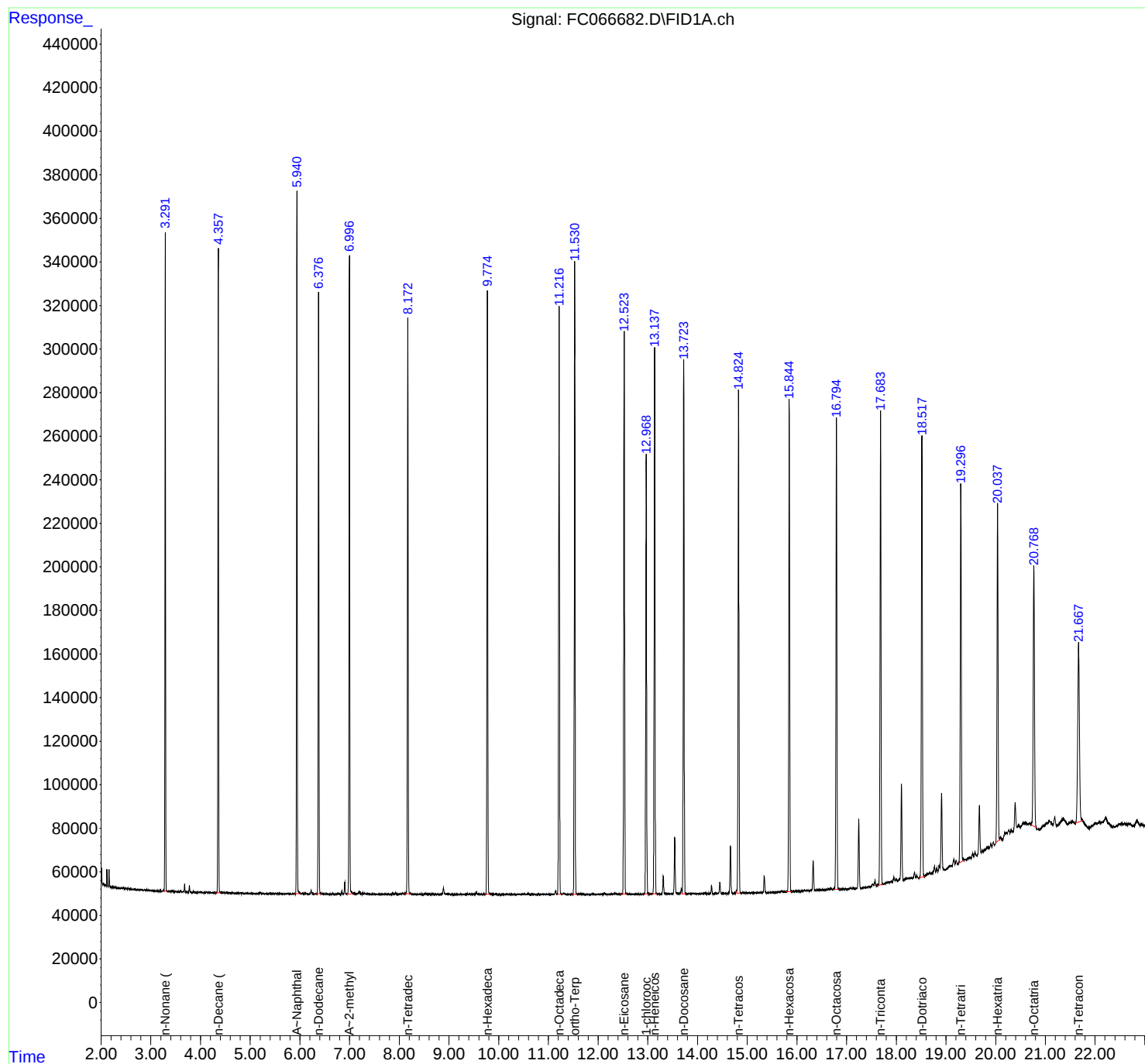
Instrument :
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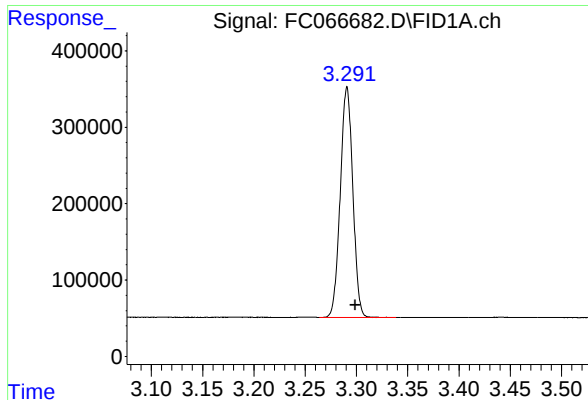
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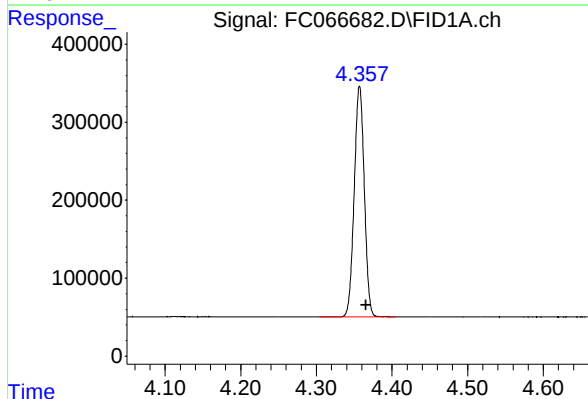
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.008 min
Response: 2565530
Conc: 17.66 ug/ml

Instrument :
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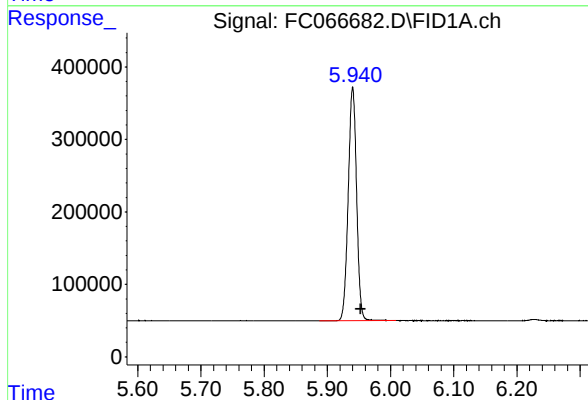
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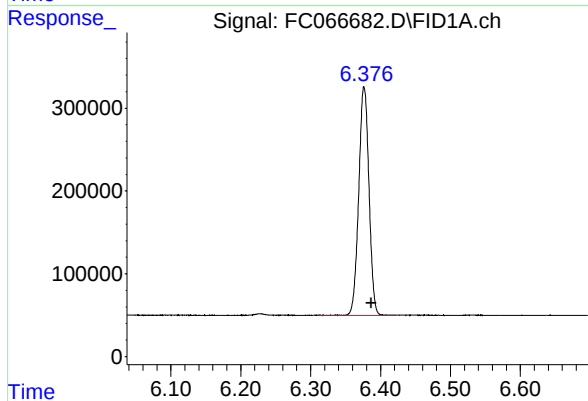
#2 n-Decane (C10)

R.T.: 4.357 min
Delta R.T.: -0.009 min
Response: 2740812
Conc: 18.37 ug/ml



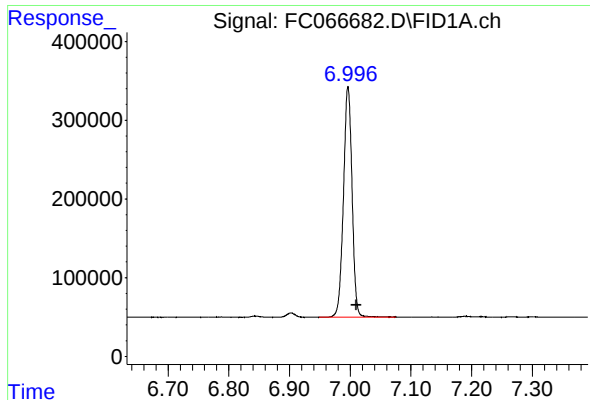
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.012 min
Response: 2965556
Conc: 18.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: -0.010 min
Response: 2806604
Conc: 18.52 ug/ml



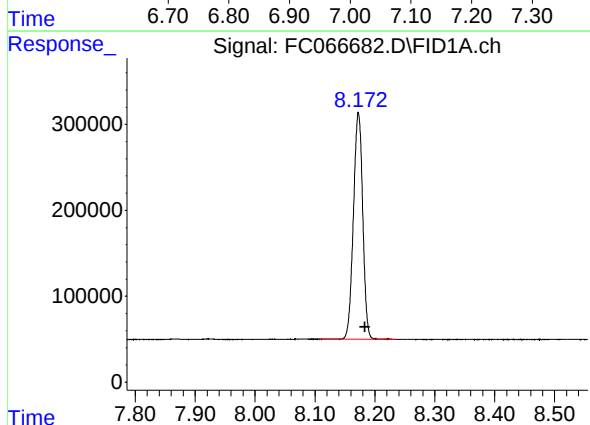
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.014 min
Response: 2893736
Conc: 18.21 ug/ml

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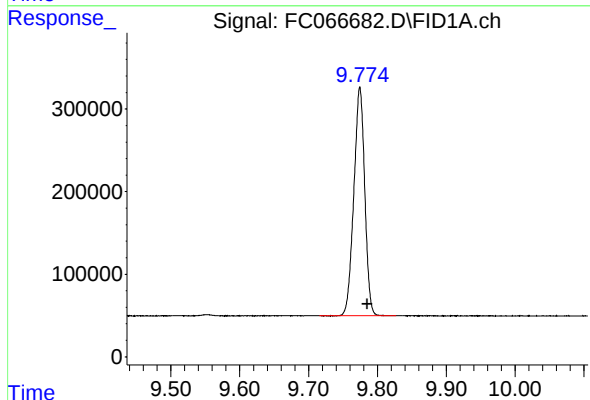
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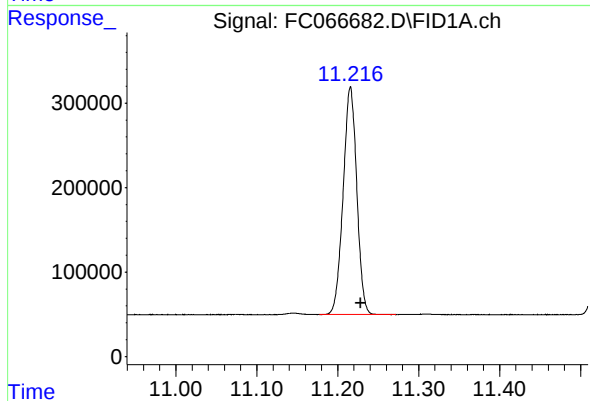
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.011 min
Response: 2850880
Conc: 18.79 ug/ml



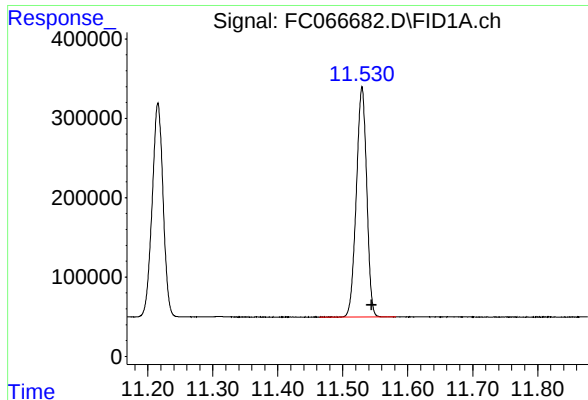
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.011 min
Response: 3045966
Conc: 19.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: -0.013 min
Response: 3156318
Conc: 19.02 ug/ml



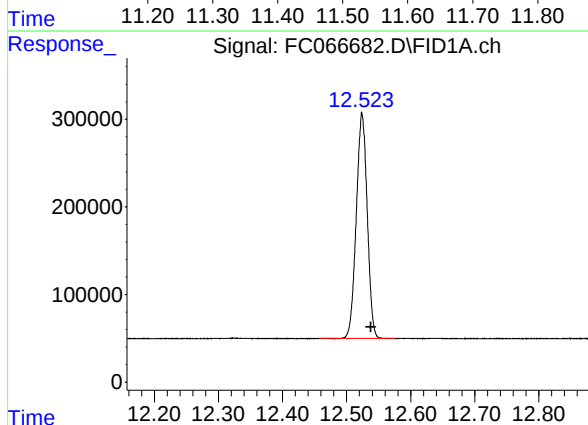
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.015 min
Response: 3220015
Conc: 18.67 ug/ml

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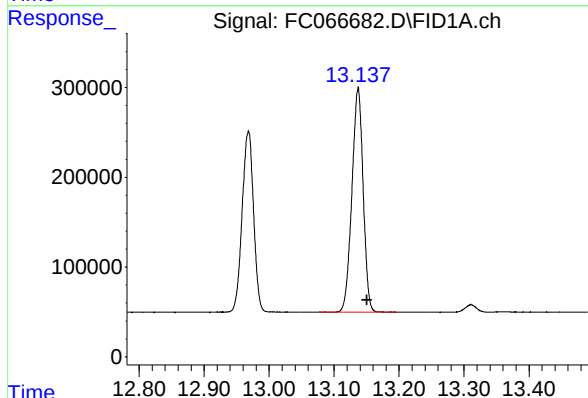
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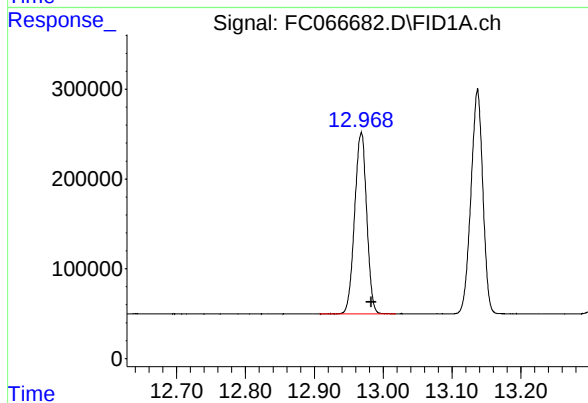
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.014 min
Response: 3060465
Conc: 18.83 ug/ml



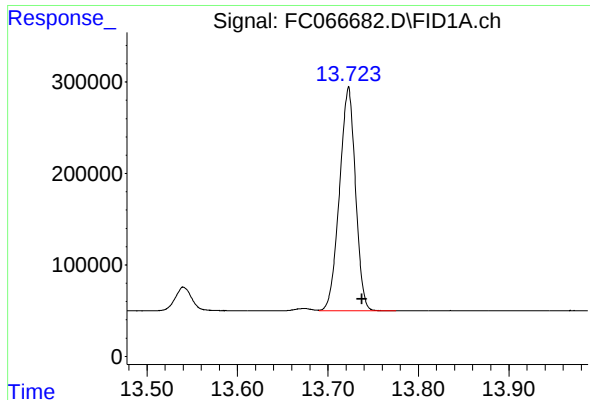
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.014 min
Response: 2996072
Conc: 18.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: -0.015 min
Response: 2461599
Conc: 17.84 ug/ml



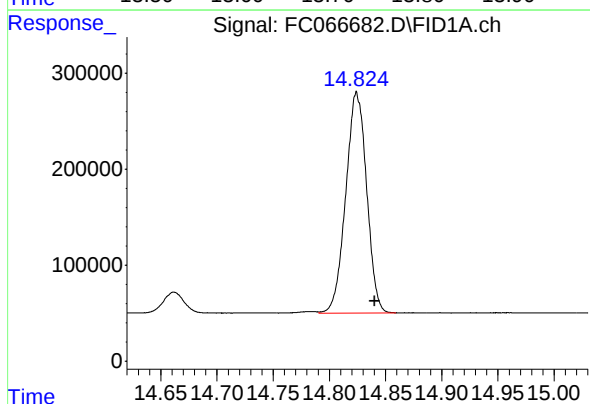
#13 n-Docosane (C22)

R.T.: 13.723 min
Delta R.T.: -0.015 min
Response: 3000589
Conc: 18.72 ug/ml

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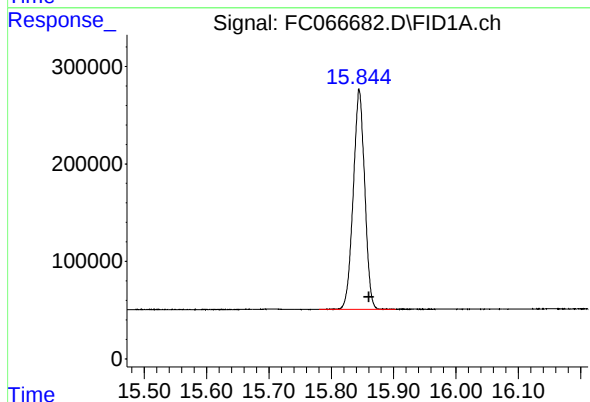
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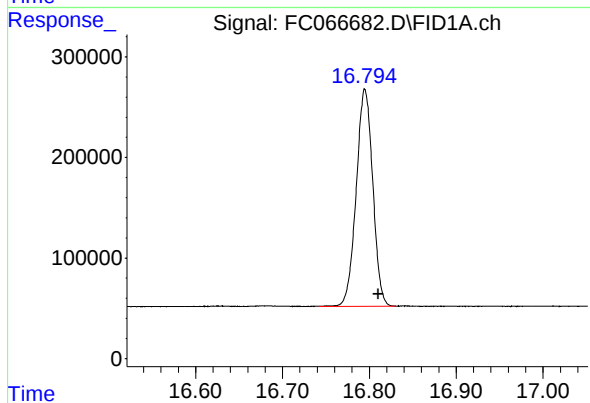
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: -0.017 min
Response: 2973415
Conc: 18.74 ug/ml m



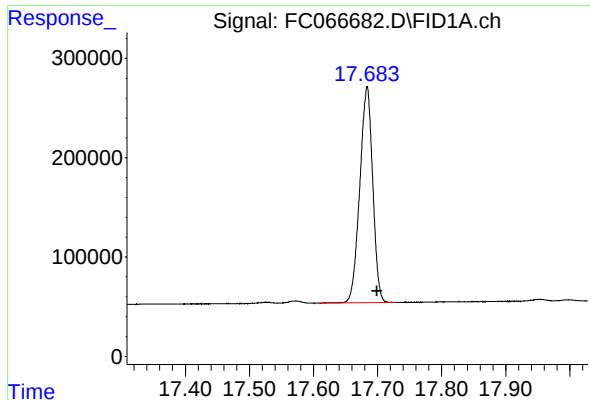
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: -0.016 min
Response: 2879161
Conc: 18.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.794 min
Delta R.T.: -0.017 min
Response: 2863118
Conc: 19.85 ug/ml m



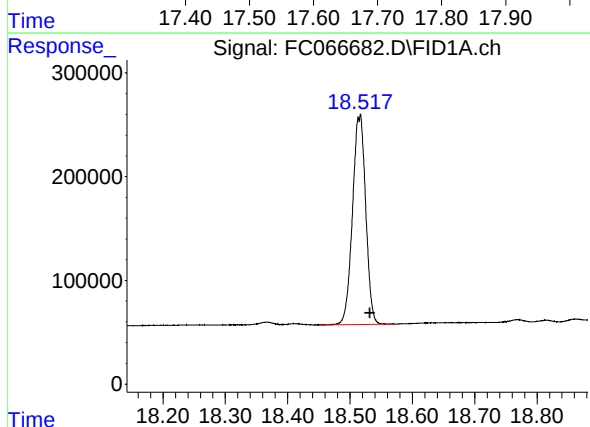
#17 n-Tricontane (C30)

R.T.: 17.683 min
Delta R.T.: -0.016 min
Response: 3052937
Conc: 21.85 ug/ml

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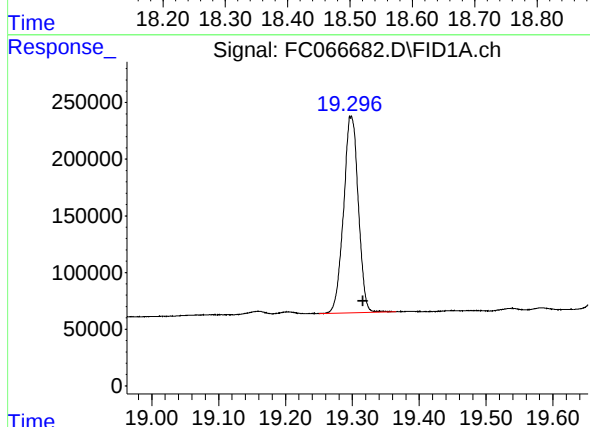
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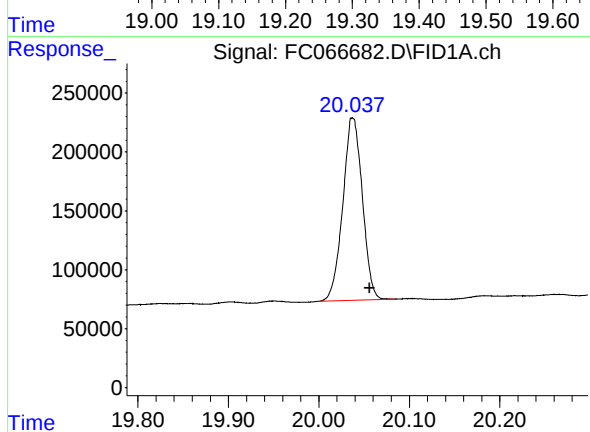
#18 n-Dotriacontane (C32)

R.T.: 18.515 min
Delta R.T.: -0.017 min
Response: 2971783
Conc: 22.52 ug/ml



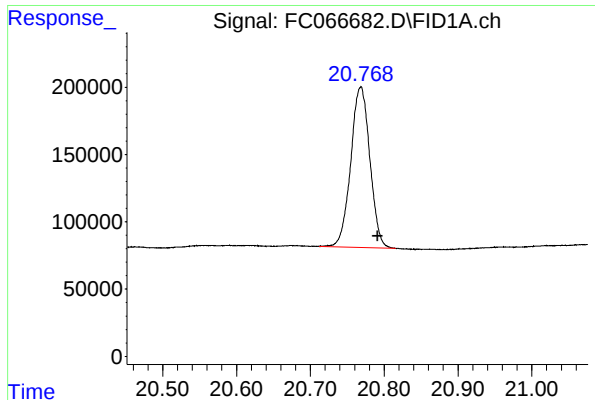
#19 n-Tetratriacontane (C34)

R.T.: 19.298 min
Delta R.T.: -0.017 min
Response: 2657598
Conc: 21.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.038 min
Delta R.T.: -0.018 min
Response: 2324728
Conc: 19.29 ug/ml



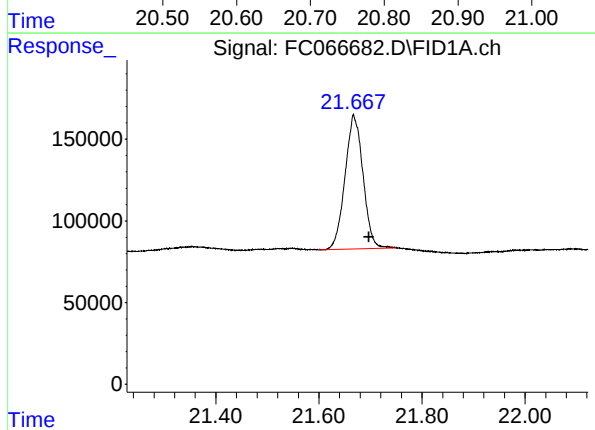
#21 n-Octatriacontane (C38)

R.T.: 20.768 min
Delta R.T.: -0.023 min
Response: 2150027
Conc: 18.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.668 min
Delta R.T.: -0.030 min
Response: 1983849
Conc: 17.66 ug/ml