

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070224AL\
 Data File : FC066723.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jul 2024 20:12
 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 07/03/2024
 Supervised By :Ankita Jodhani 07/03/2024

Integration File: autoint1.e
 Quant Time: Jul 03 09:31:05 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)	11.525	2863451	16.601 ug/ml
Spiked Amount 50.000		Recovery =	33.20%
12) S 1-chlorooctadecane (S...	12.963	2184711	15.834 ug/ml
Spiked Amount 50.000		Recovery =	31.67%
Target Compounds			
1) T n-Nonane (C9)	3.288	2431128	16.732 ug/ml
2) T n-Decane (C10)	4.355	2626067	17.606 ug/ml
3) T A~Naphthalene (C11.7)	5.937	2837436	17.476 ug/ml
4) T n-Dodecane (C12)	6.374	2659203	17.546 ug/ml
5) T A~2-methylnaphthalene...	6.993	2753968	17.335 ug/ml
6) T n-Tetradecane (C14)	8.169	2664241	17.564 ug/ml
7) T n-Hexadecane (C16)	9.769	2797262	17.462 ug/ml
8) T n-Octadecane (C18)	11.211	2836352	17.094 ug/ml
10) T n-Eicosane (C20)	12.520	2697898	16.596 ug/ml
11) T n-Heneicosane (C21)	13.131	2631333	16.331 ug/ml
13) T n-Docosane (C22)	13.717	2627296	16.388 ug/ml
14) T n-Tetracosane (C24)	14.820	2628299	16.561 ug/ml
15) T n-Hexacosane (C26)	15.840	2572703	16.849 ug/ml
16) T n-Octacosane (C28)	16.789	2652087	18.386 ug/ml
17) T n-Tricontane (C30)	17.676	2906739	20.805 ug/ml
18) T n-Dotriacontane (C32)	18.509	2933456	22.228 ug/ml
19) T n-Tetratriacontane (C34)	19.292	2684522	21.706 ug/ml
20) T n-Hexatriacontane (C36)	20.030	2392626	19.853 ug/mlm
21) T n-Octatriacontane (C38)	20.760	2225236	19.460 ug/ml
22) T n-Tetracontane (C40)	21.657	2070560	18.436 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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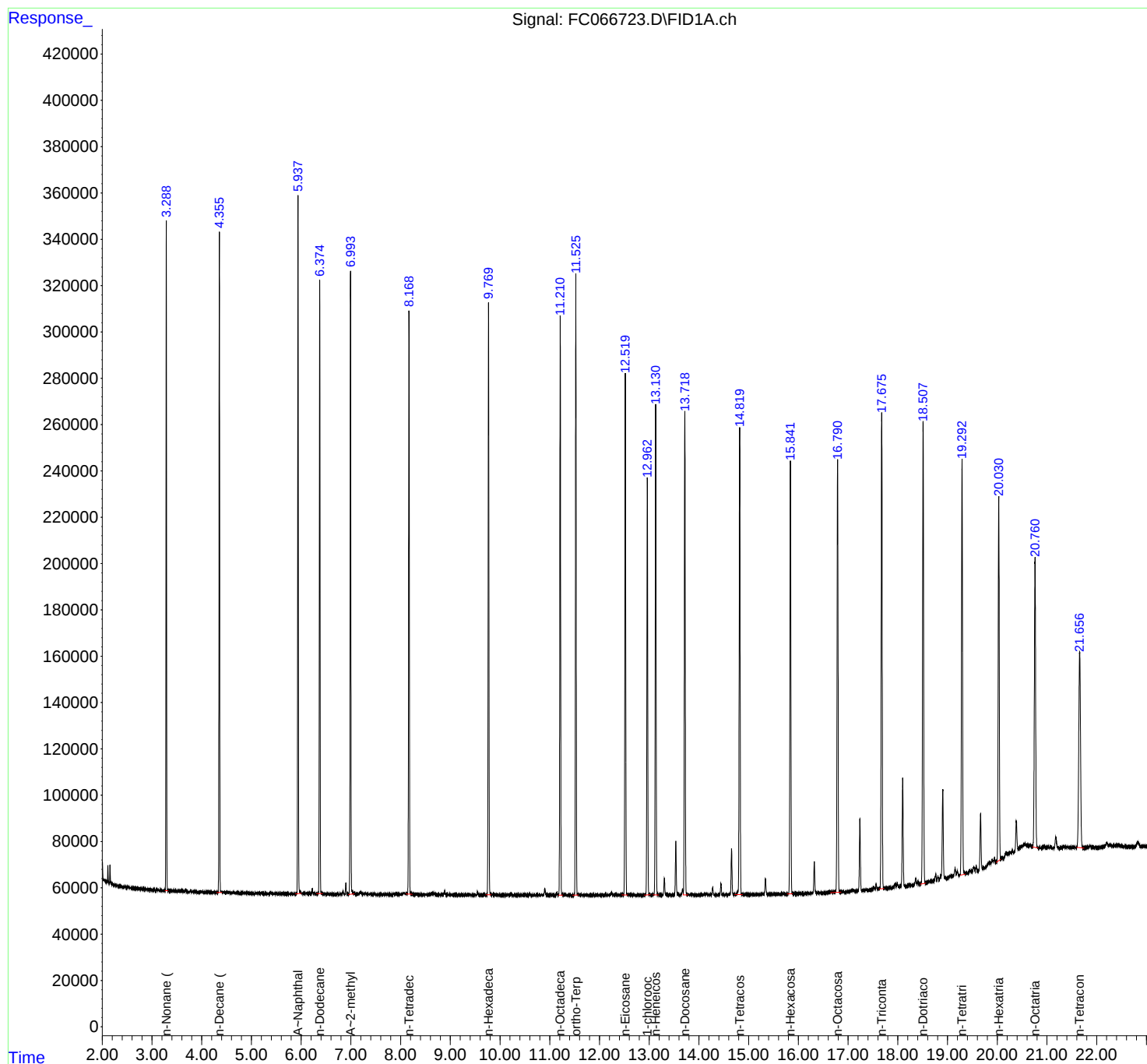
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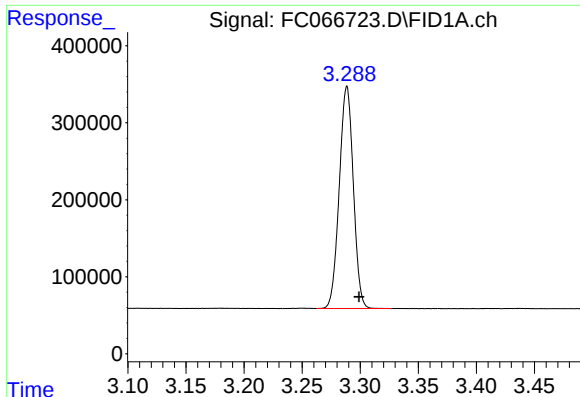
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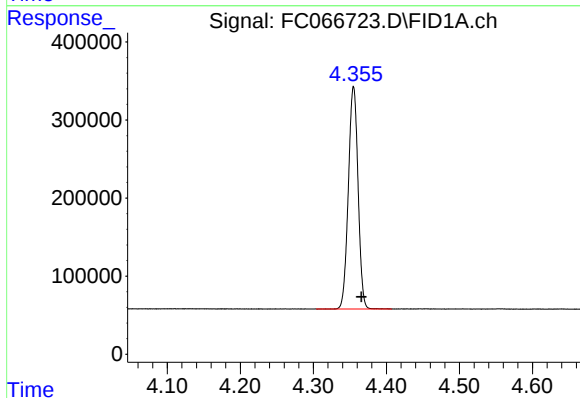
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: -0.011 min
Response: 2431128
Conc: 16.73 ug/ml

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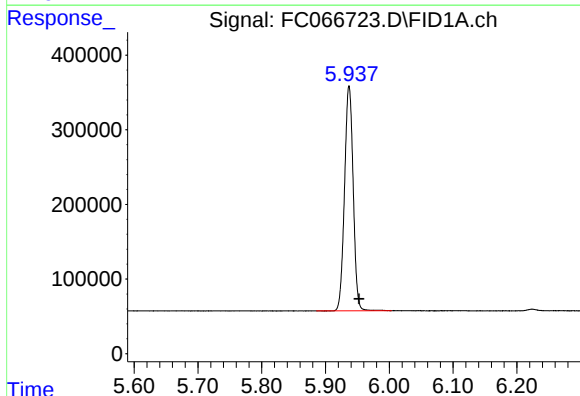
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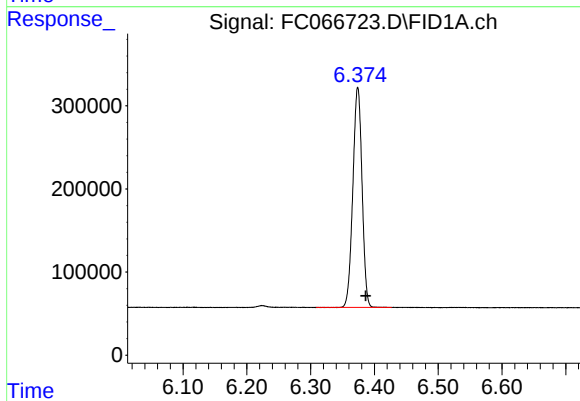
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.011 min
Response: 2626067
Conc: 17.61 ug/ml



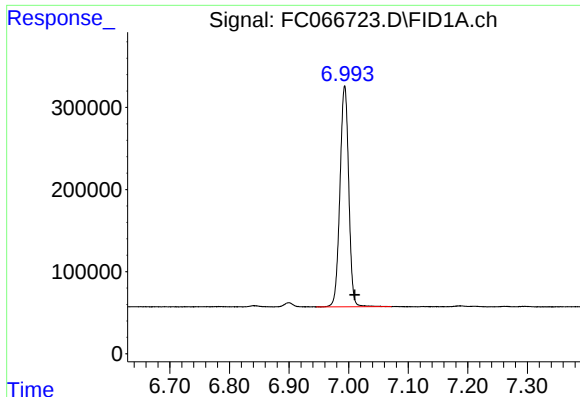
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.016 min
Response: 2837436
Conc: 17.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.374 min
Delta R.T.: -0.013 min
Response: 2659203
Conc: 17.55 ug/ml



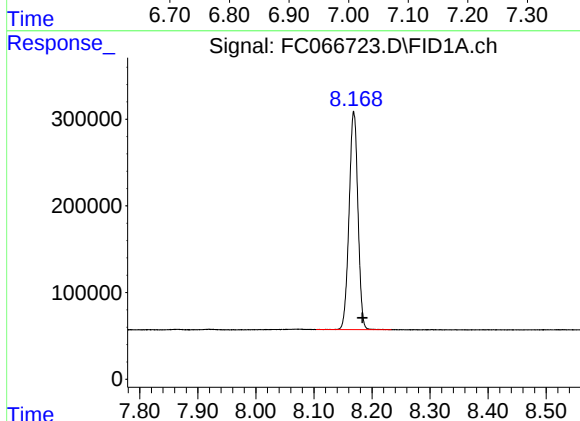
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.993 min
Delta R.T.: -0.017 min
Response: 2753968
Conc: 17.34 ug/ml

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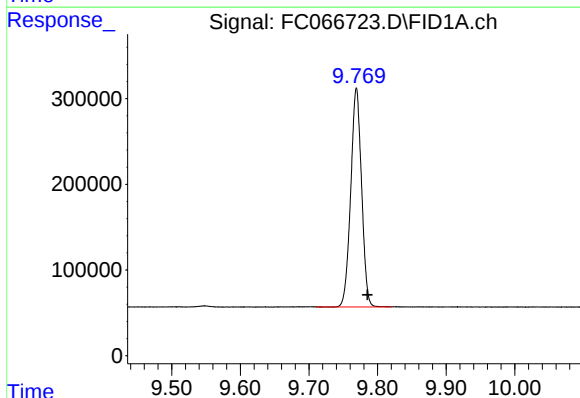
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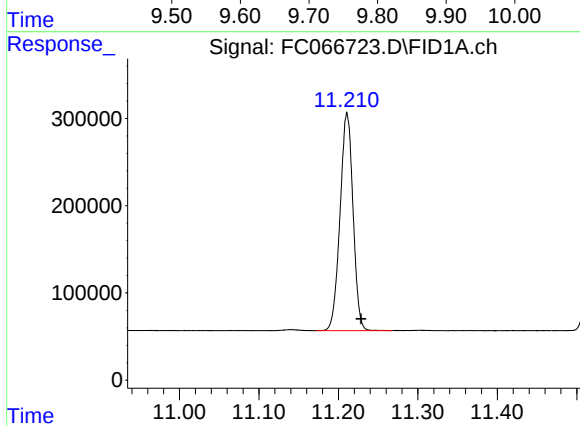
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.015 min
Response: 2664241
Conc: 17.56 ug/ml



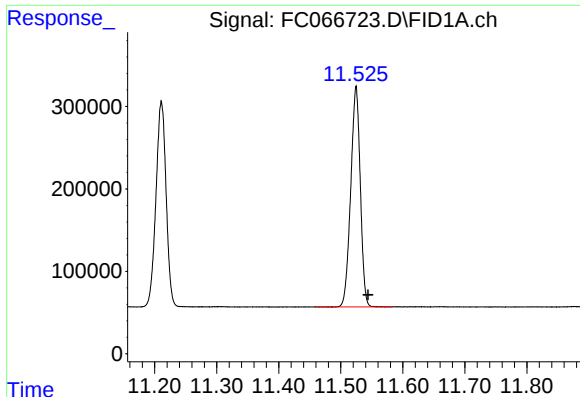
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.016 min
Response: 2797262
Conc: 17.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: -0.017 min
Response: 2836352
Conc: 17.09 ug/ml



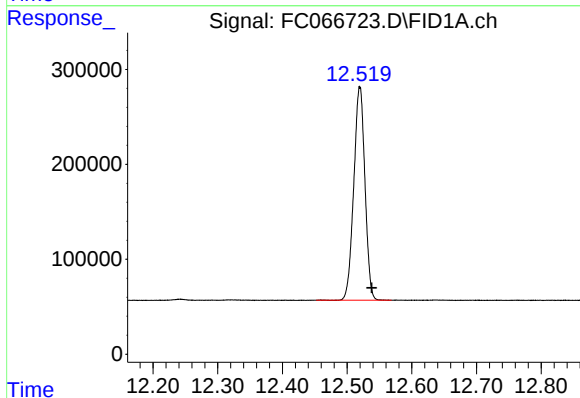
#9 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: -0.020 min
Response: 2863451
Conc: 16.60 ug/ml

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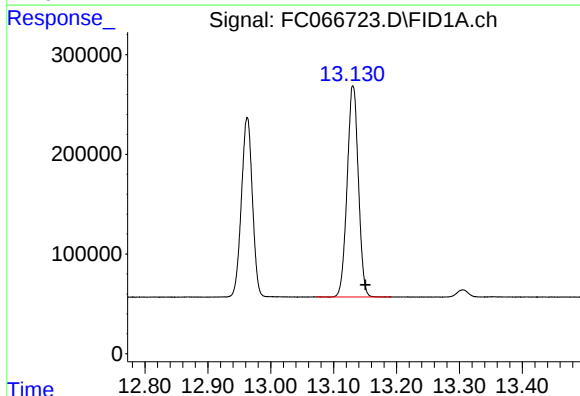
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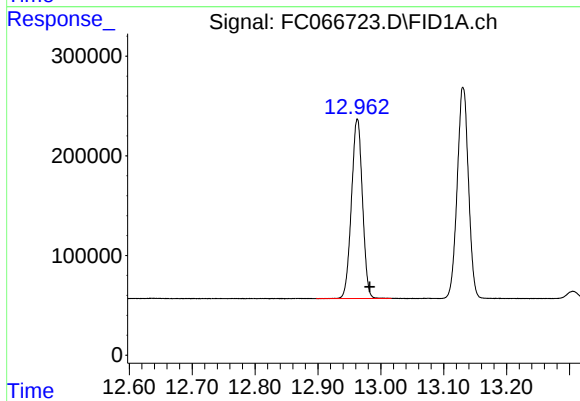
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: -0.019 min
Response: 2697898
Conc: 16.60 ug/ml



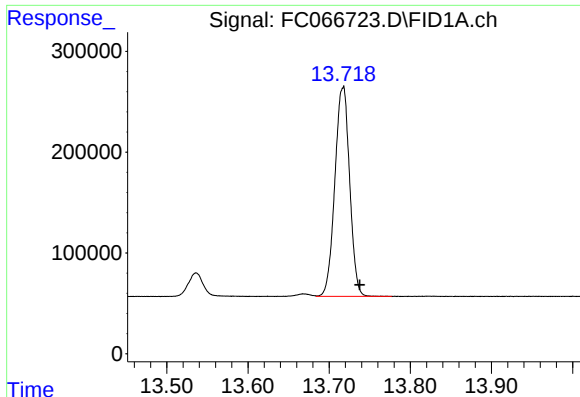
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.020 min
Response: 2631333
Conc: 16.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min
Delta R.T.: -0.020 min
Response: 2184711
Conc: 15.83 ug/ml



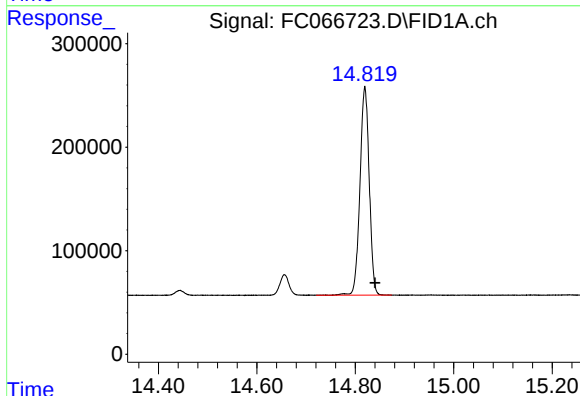
#13 n-Docosane (C22)

R.T.: 13.717 min
Delta R.T.: -0.021 min
Response: 2627296
Conc: 16.39 ug/ml

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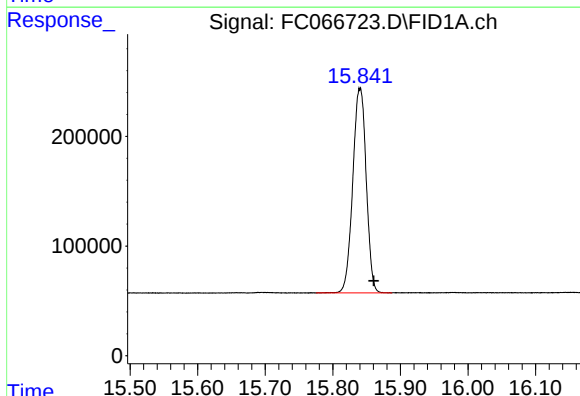
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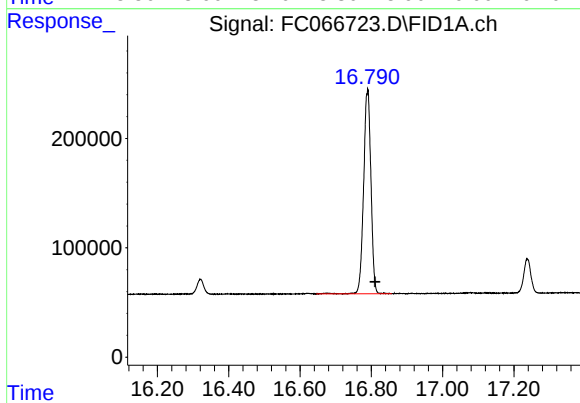
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: -0.021 min
Response: 2628299
Conc: 16.56 ug/ml



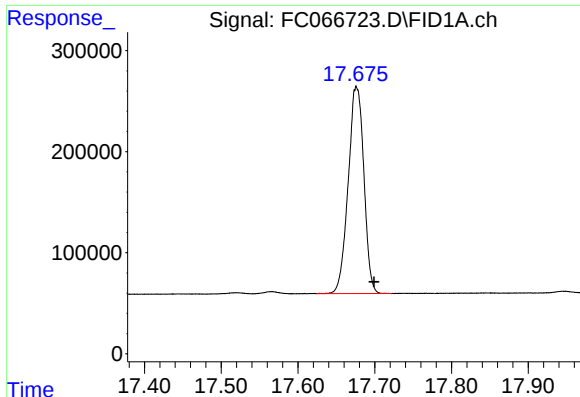
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: -0.021 min
Response: 2572703
Conc: 16.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.789 min
Delta R.T.: -0.021 min
Response: 2652087
Conc: 18.39 ug/ml



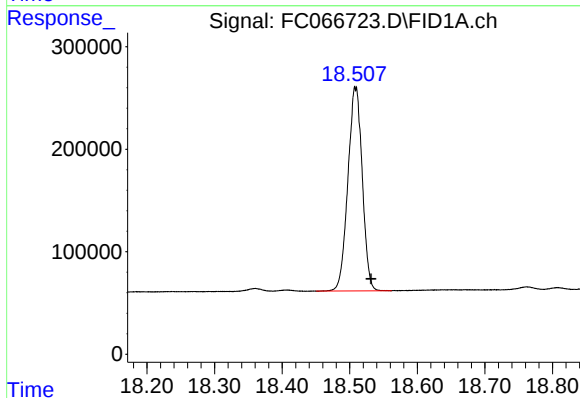
#17 n-Tricontane (C30)

R.T.: 17.676 min
Delta R.T.: -0.023 min
Response: 2906739
Conc: 20.81 ug/ml

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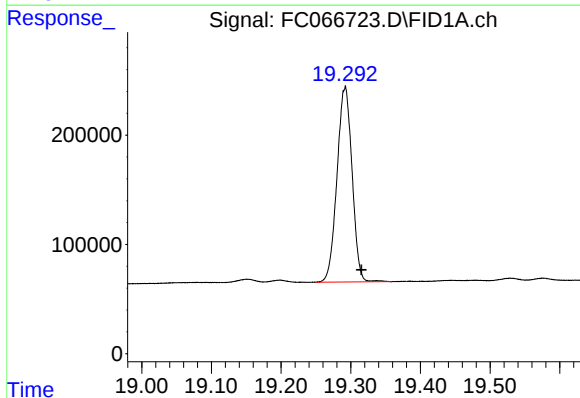
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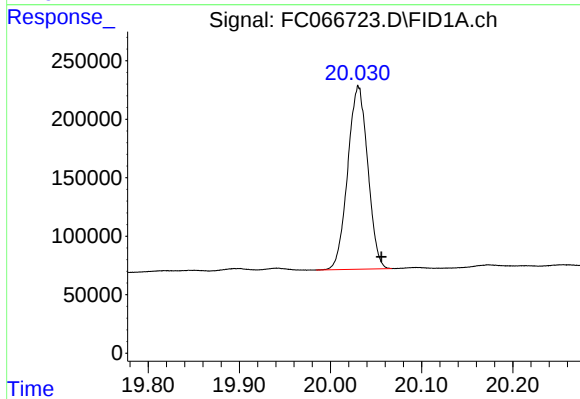
#18 n-Dotriacontane (C32)

R.T.: 18.509 min
Delta R.T.: -0.023 min
Response: 2933456
Conc: 22.23 ug/ml



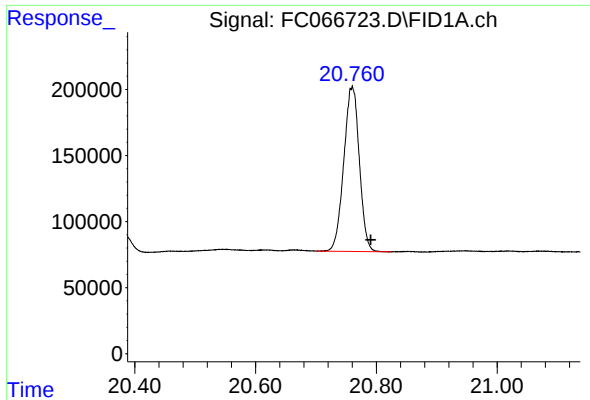
#19 n-Tetratriacontane (C34)

R.T.: 19.292 min
Delta R.T.: -0.024 min
Response: 2684522
Conc: 21.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.030 min
Delta R.T.: -0.026 min
Response: 2392626
Conc: 19.85 ug/ml m



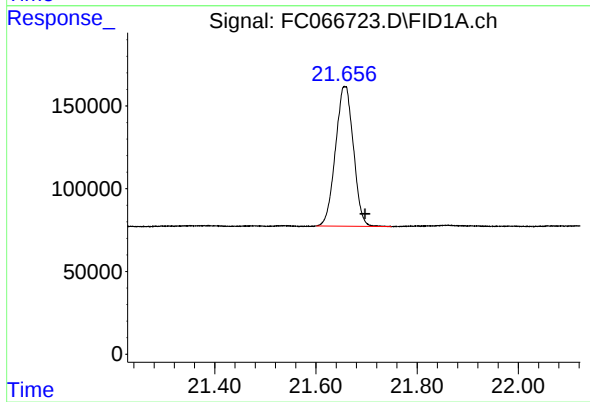
#21 n-Octatriacontane (C38)

R.T.: 20.760 min
Delta R.T.: -0.031 min
Response: 2225236
Conc: 19.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.657 min
Delta R.T.: -0.040 min
Response: 2070560
Conc: 18.44 ug/ml