

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032824AL\
 Data File : FC066136.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2024 21:25
 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 03/29/2024
 Supervised By :Ankita Jodhani 03/29/2024

Integration File: autoint1.e
 Quant Time: Mar 29 02:24:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.470	3321215	16.994 ug/ml
Spiked Amount 50.000		Recovery =	33.99%
12) S 1-chlorooctadecane (S...	12.897	2492130	17.094 ug/ml
Spiked Amount 50.000		Recovery =	34.19%
Target Compounds			
1) T n-Nonane (C9)	3.275	2697198	16.144 ug/ml
2) T n-Decane (C10)	4.335	2854300	16.458 ug/ml
3) T A~Naphthalene (C11.7)	5.926	3074403	17.132 ug/ml
4) T n-Dodecane (C12)	6.344	3037276	17.236 ug/ml
5) T A~2-methylnaphthalene...	6.983	2752872	16.161 ug/ml
6) T n-Tetradecane (C14)	8.130	2882418	16.576 ug/mlm
7) T n-Hexadecane (C16)	9.722	3011374	16.856 ug/ml
8) T n-Octadecane (C18)	11.154	3083860	16.966 ug/ml
10) T n-Eicosane (C20)	12.455	3020354	17.297 ug/ml
11) T n-Heneicosane (C21)	13.062	2968327	17.121 ug/ml
13) T n-Docosane (C22)	13.644	3061822	17.803 ug/ml
14) T n-Tetracosane (C24)	14.739	3146688	18.424 ug/ml
15) T n-Hexacosane (C26)	15.752	3169874	18.825 ug/ml
16) T n-Octacosane (C28)	16.695	3306830	19.889 ug/ml
17) T n-Tricontane (C30)	17.576	3603978	21.108 ug/ml
18) T n-Dotriacontane (C32)	18.400	3589700	21.294 ug/mlm
19) T n-Tetratriacontane (C34)	19.182	3318148	20.245 ug/ml
20) T n-Hexatriacontane (C36)	19.918	3053337	19.204 ug/mlm
21) T n-Octatriacontane (C38)	20.626	2917737	18.627 ug/ml
22) T n-Tetracontane (C40)	21.482	2815428	17.804 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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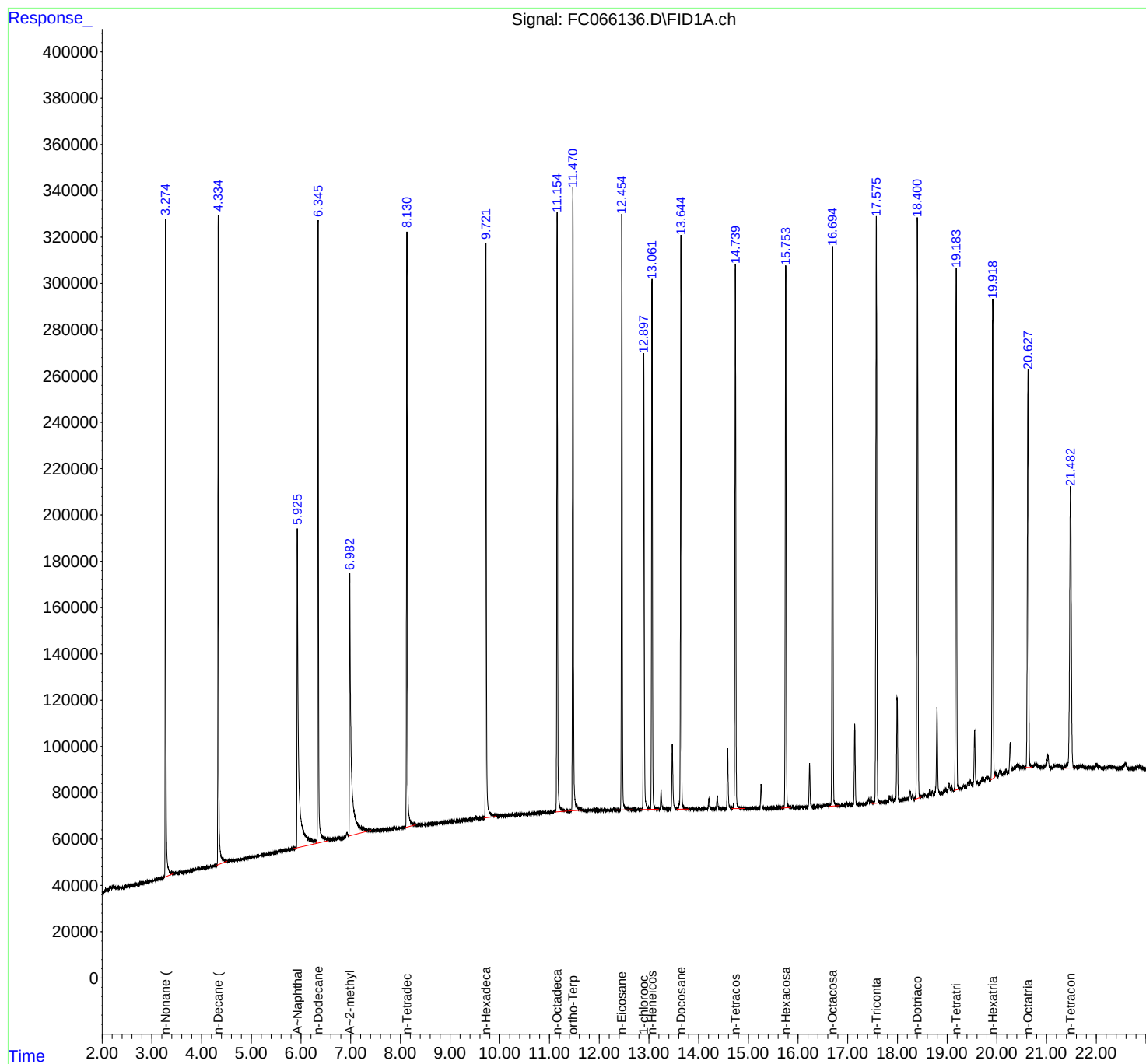
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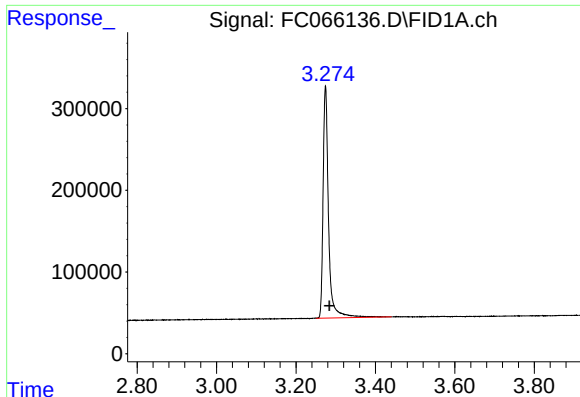
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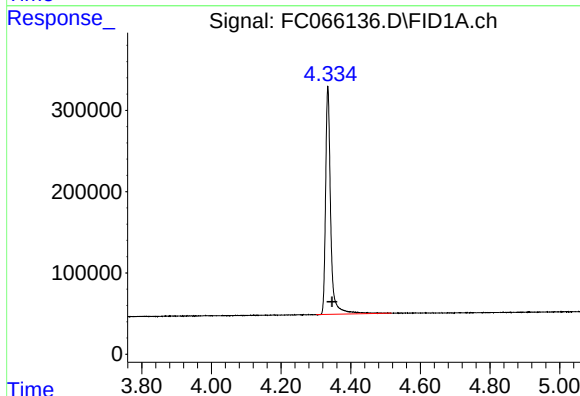
#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: -0.009 min
Response: 2697198
Conc: 16.14 ug/ml

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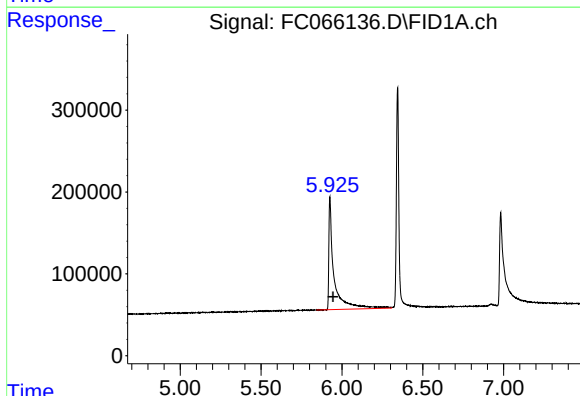
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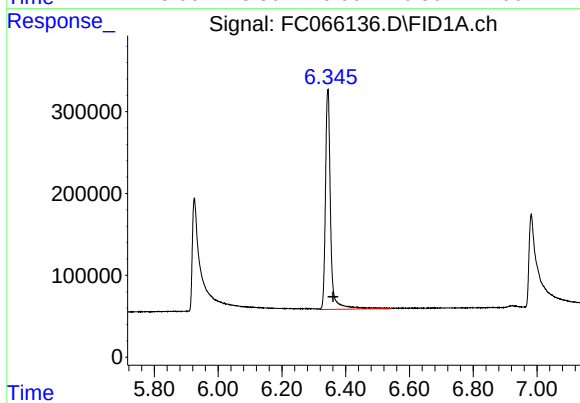
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.012 min
Response: 2854300
Conc: 16.46 ug/ml



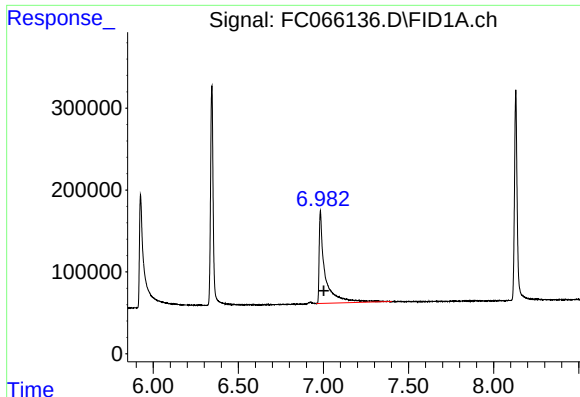
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.019 min
Response: 3074403
Conc: 17.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.344 min
Delta R.T.: -0.016 min
Response: 3037276
Conc: 17.24 ug/ml



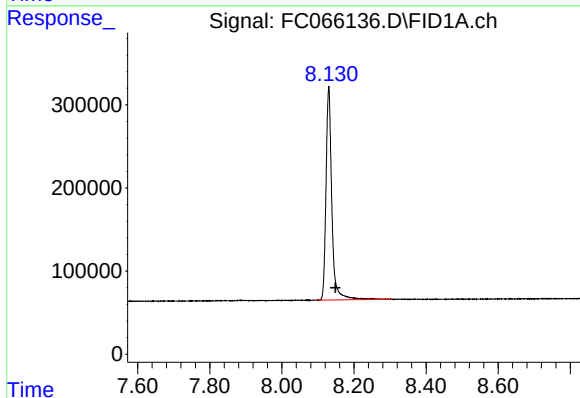
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.983 min
Delta R.T.: -0.020 min
Response: 2752872
Conc: 16.16 ug/ml

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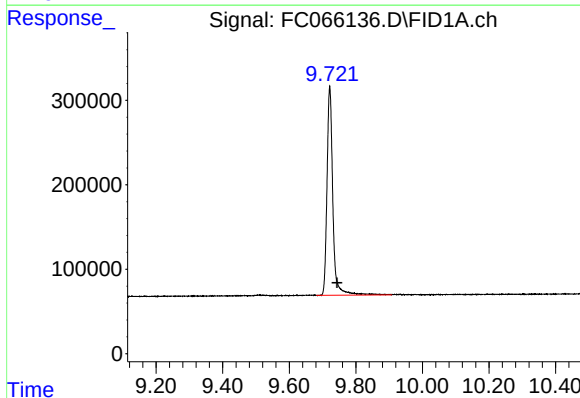
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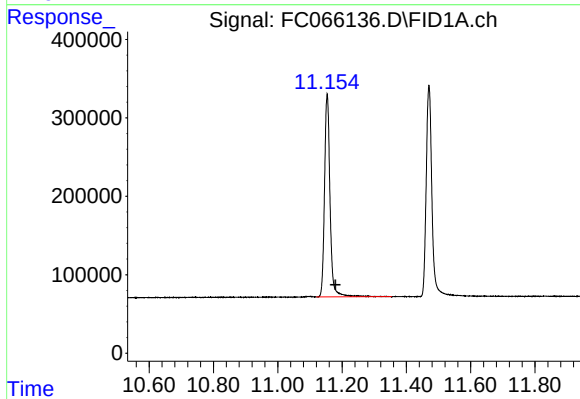
#6 n-Tetradecane (C14)

R.T.: 8.130 min
Delta R.T.: -0.019 min
Response: 2882418
Conc: 16.58 ug/ml m



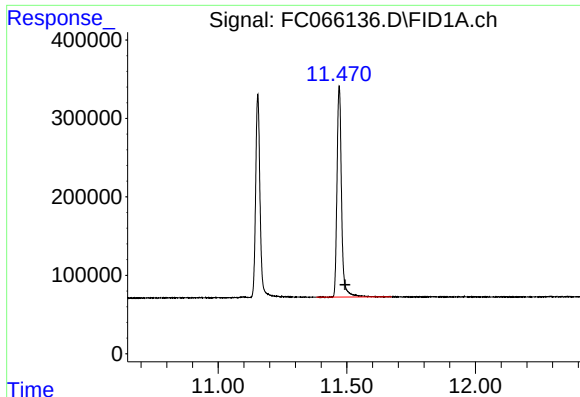
#7 n-Hexadecane (C16)

R.T.: 9.722 min
Delta R.T.: -0.022 min
Response: 3011374
Conc: 16.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.154 min
Delta R.T.: -0.025 min
Response: 3083860
Conc: 16.97 ug/ml



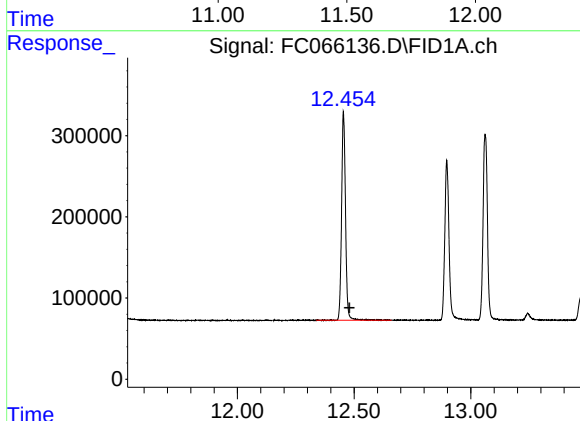
#9 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: -0.023 min
Response: 3321215
Conc: 16.99 ug/ml

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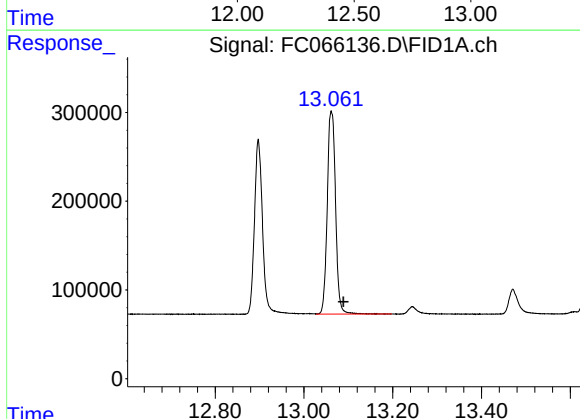
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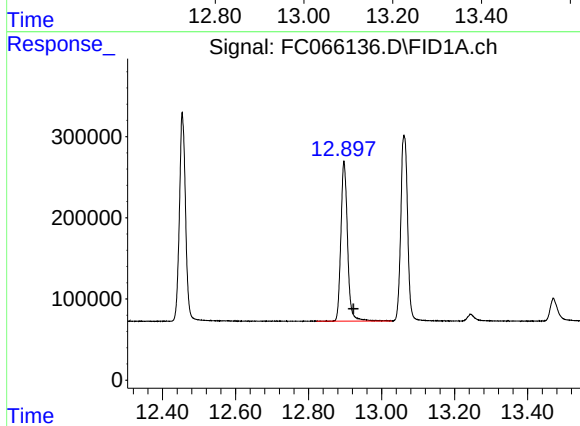
#10 n-Eicosane (C20)

R.T.: 12.455 min
Delta R.T.: -0.026 min
Response: 3020354
Conc: 17.30 ug/ml



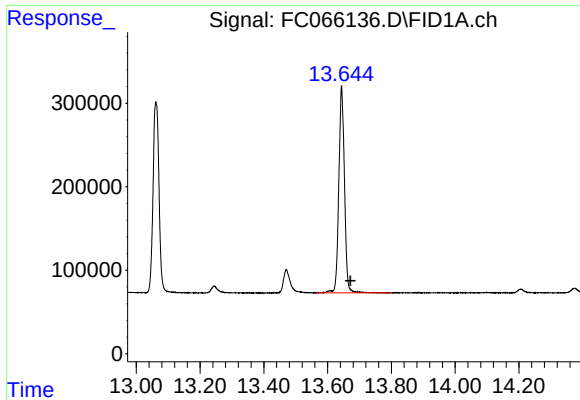
#11 n-Heneicosane (C21)

R.T.: 13.062 min
Delta R.T.: -0.027 min
Response: 2968327
Conc: 17.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.897 min
Delta R.T.: -0.026 min
Response: 2492130
Conc: 17.09 ug/ml



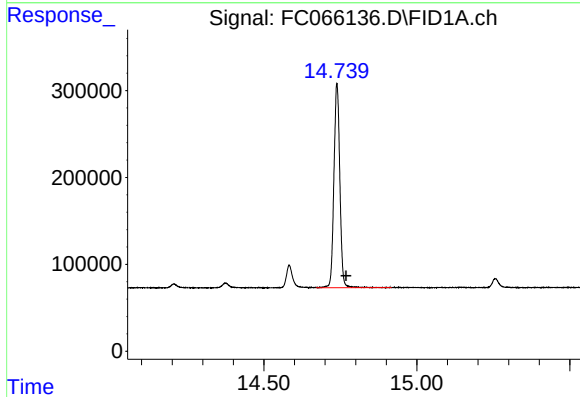
#13 n-Docosane (C22)

R.T.: 13.644 min
Delta R.T.: -0.027 min
Response: 3061822
Conc: 17.80 ug/ml

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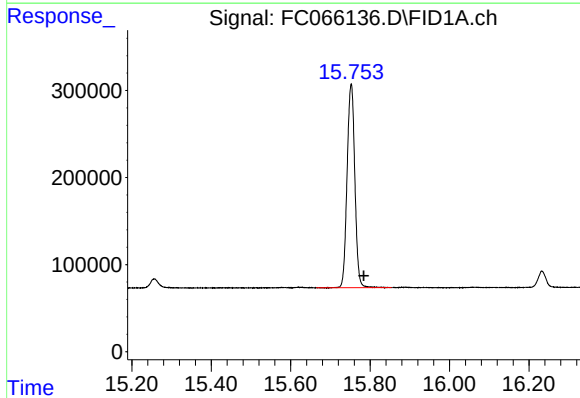
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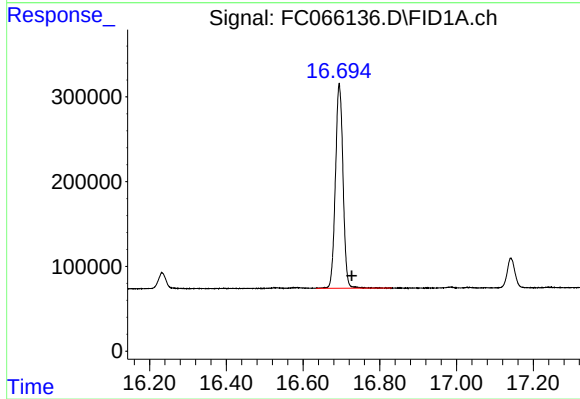
#14 n-Tetracosane (C24)

R.T.: 14.739 min
Delta R.T.: -0.030 min
Response: 3146688
Conc: 18.42 ug/ml



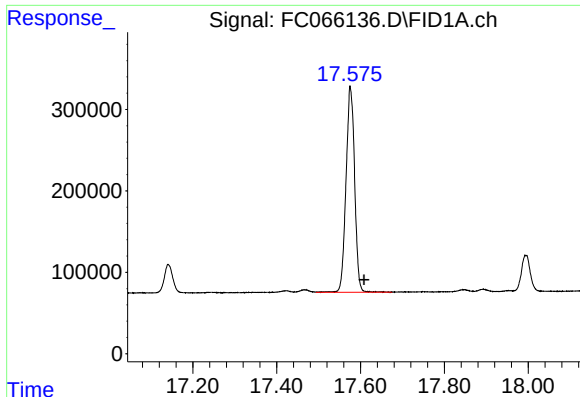
#15 n-Hexacosane (C26)

R.T.: 15.752 min
Delta R.T.: -0.032 min
Response: 3169874
Conc: 18.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.695 min
Delta R.T.: -0.033 min
Response: 3306830
Conc: 19.89 ug/ml



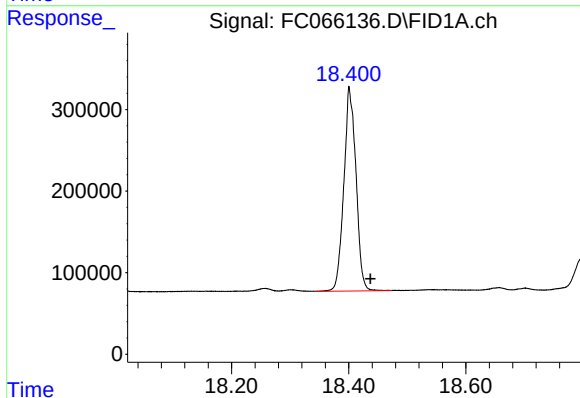
#17 n-Tricontane (C30)

R.T.: 17.576 min
Delta R.T.: -0.032 min
Response: 3603978
Conc: 21.11 ug/ml

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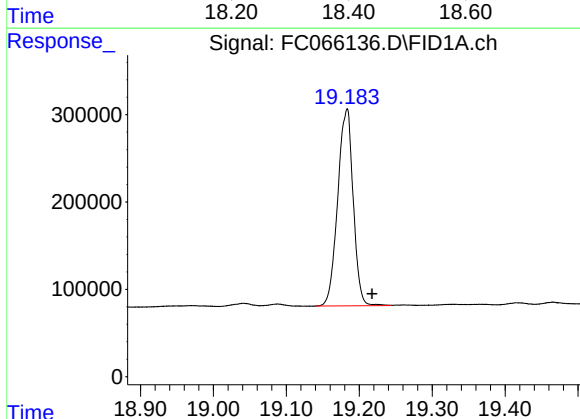
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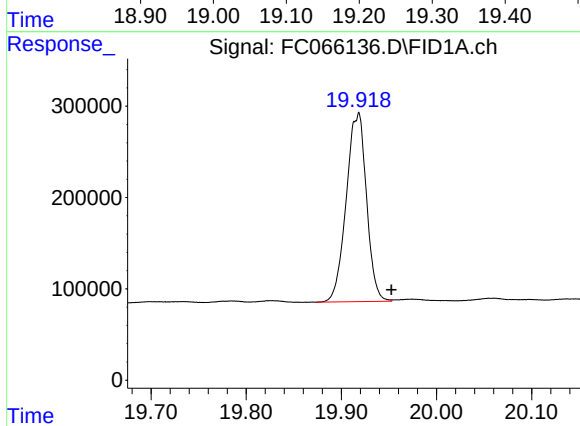
#18 n-Dotriacontane (C32)

R.T.: 18.400 min
Delta R.T.: -0.037 min
Response: 3589700
Conc: 21.29 ug/ml m



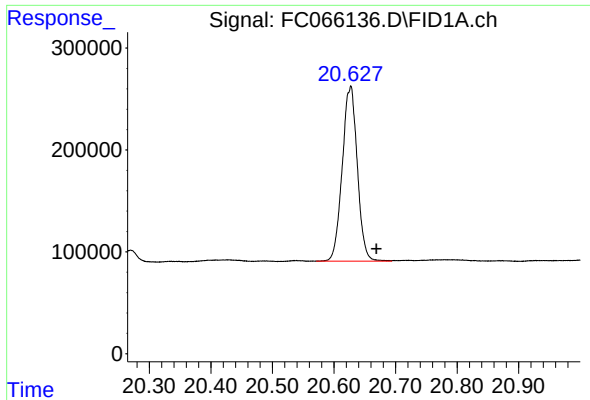
#19 n-Tetratriacontane (C34)

R.T.: 19.182 min
Delta R.T.: -0.035 min
Response: 3318148
Conc: 20.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.918 min
Delta R.T.: -0.035 min
Response: 3053337
Conc: 19.20 ug/ml m



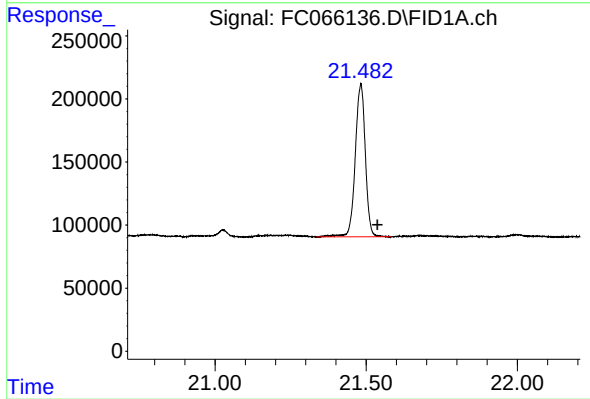
#21 n-Octatriacontane (C38)

R.T.: 20.626 min
Delta R.T.: -0.042 min
Response: 2917737
Conc: 18.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.482 min
Delta R.T.: -0.055 min
Response: 2815428
Conc: 17.80 ug/ml