

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092723AL\
 Data File : FC064686.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2023 06:41
 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 09/27/2023
 Supervised By :Ankita Jodhani 09/28/2023

Integration File: autoint1.e
 Quant Time: Sep 27 09:00:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 2023
 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)	11.518	4579166	22.631 ug/ml
Spiked Amount 50.000		Recovery =	45.26%
12) S 1-chlorooctadecane (S...	12.949	3341793	22.943 ug/ml
Spiked Amount 50.000		Recovery =	45.89%
Target Compounds			
1) T n-Nonane (C9)	3.320	3857156	21.827 ug/mlm
2) T n-Decane (C10)	4.379	3985448	22.185 ug/ml
3) T A~Naphthalene (C11.7)	5.959	4184534	22.274 ug/ml
4) T n-Dodecane (C12)	6.388	4046595	22.278 ug/ml
5) T A~2-methylnaphthalene...	7.013	4055018	22.738 ug/ml
6) T n-Tetradecane (C14)	8.176	3936945	22.188 ug/ml
7) T n-Hexadecane (C16)	9.770	3985402	22.171 ug/ml
8) T n-Octadecane (C18)	11.205	3970946	21.932 ug/ml
10) T n-Eicosane (C20)	12.508	3775557	22.165 ug/ml
11) T n-Heneicosane (C21)	13.116	3684169	22.244 ug/ml
13) T n-Docosane (C22)	13.700	3640168	22.345 ug/ml
14) T n-Tetracosane (C24)	14.799	3521396	22.181 ug/ml
15) T n-Hexacosane (C26)	15.814	3365276	22.046 ug/ml
16) T n-Octacosane (C28)	16.759	3303889	22.324 ug/ml
17) T n-Tricontane (C30)	17.642	3395994	22.860 ug/ml
18) T n-Dotriacontane (C32)	18.471	3378494	23.150 ug/ml
19) T n-Tetratriacontane (C34)	19.249	3180191	22.369 ug/ml
20) T n-Hexatriacontane (C36)	19.986	3031339	22.009 ug/ml
21) T n-Octatriacontane (C38)	20.706	2917450	21.288 ug/ml
22) T n-Tetracontane (C40)	21.588	2843635	20.905 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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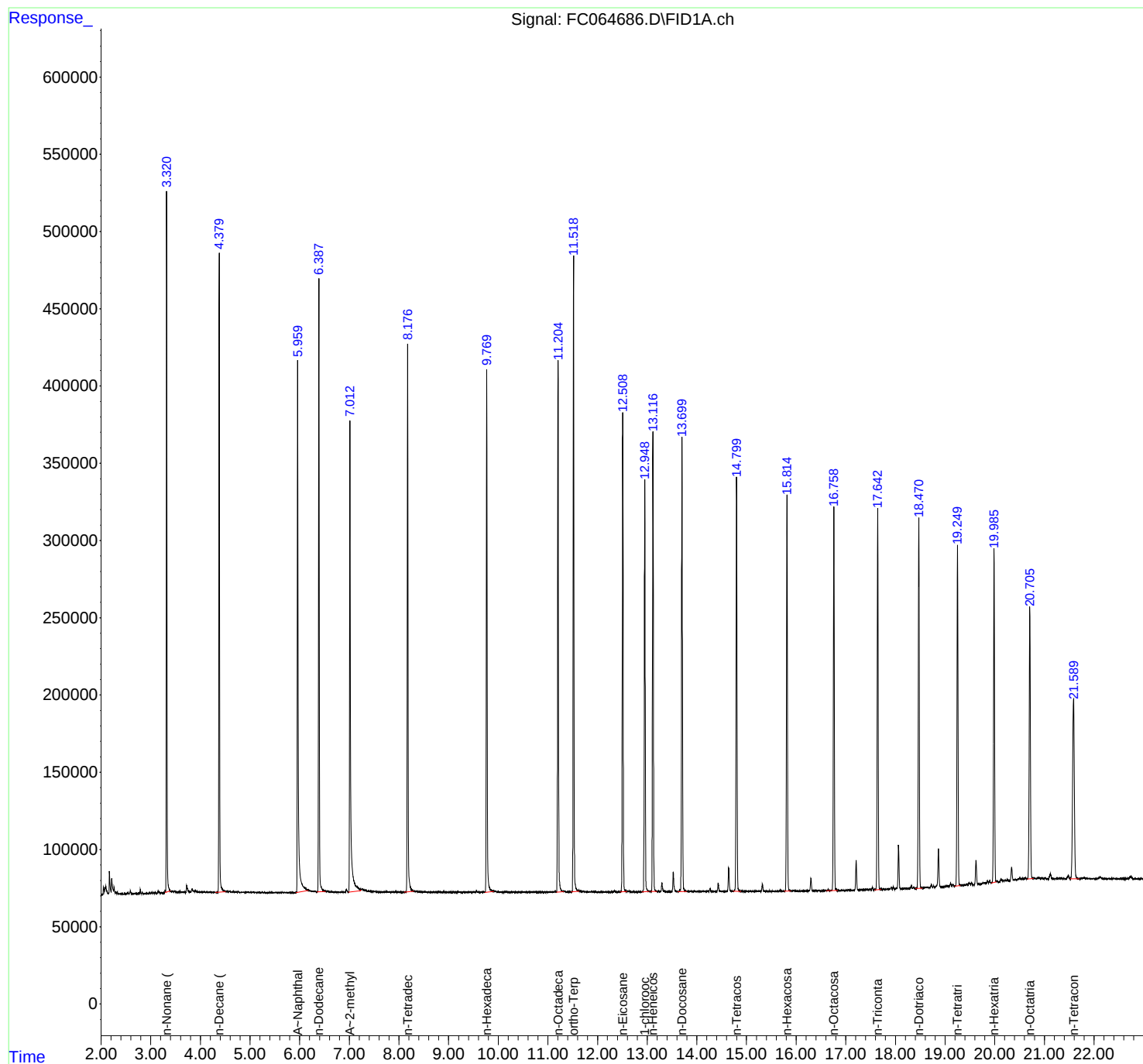
Instrument :
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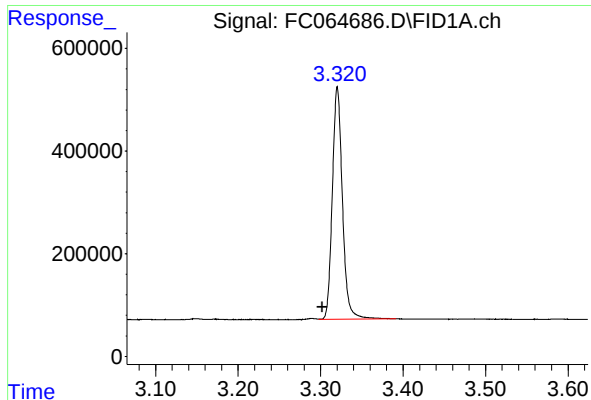
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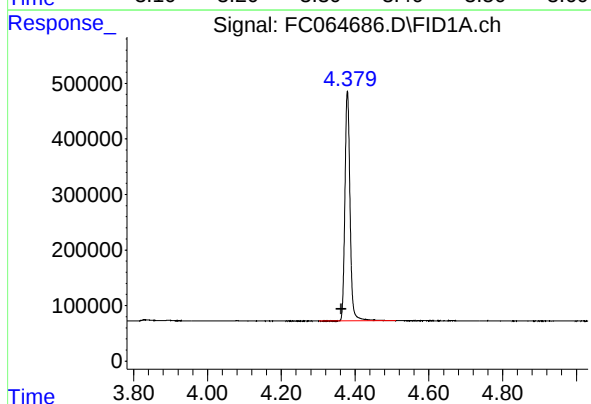
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: 0.018 min
Response: 3857156
Conc: 21.83 ug/ml

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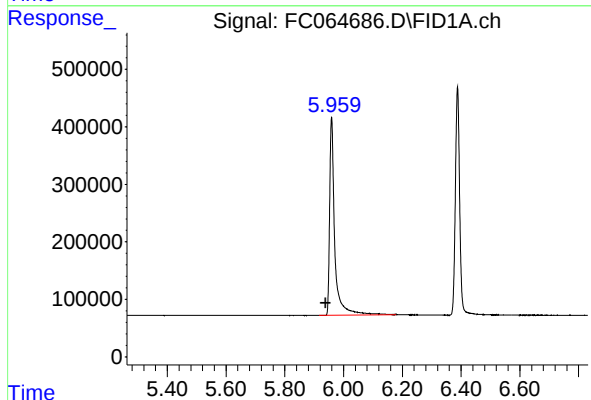
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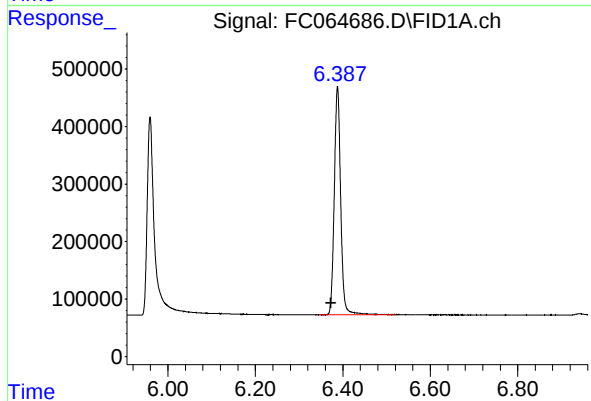
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: 0.017 min
Response: 3985448
Conc: 22.18 ug/ml



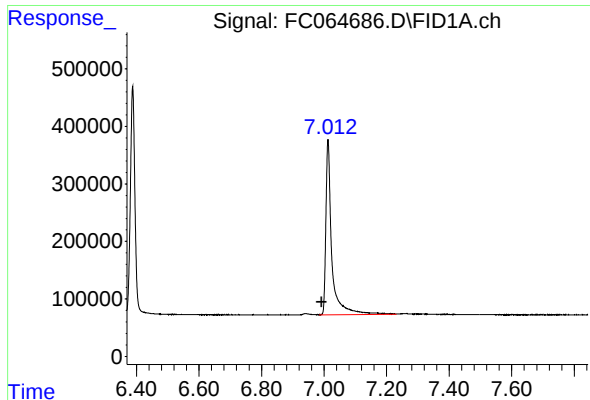
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: 0.020 min
Response: 4184534
Conc: 22.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: 0.016 min
Response: 4046595
Conc: 22.28 ug/ml



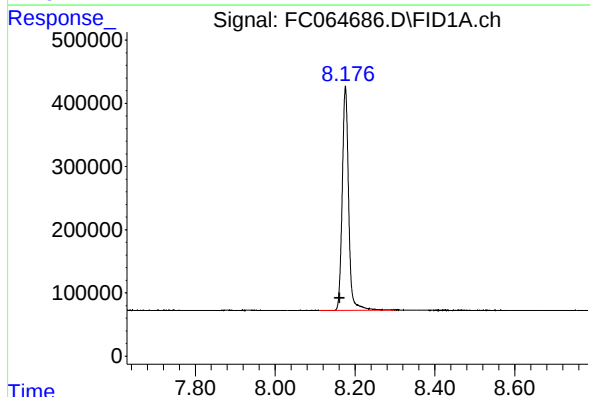
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: 0.020 min
Response: 4055018
Conc: 22.74 ug/ml

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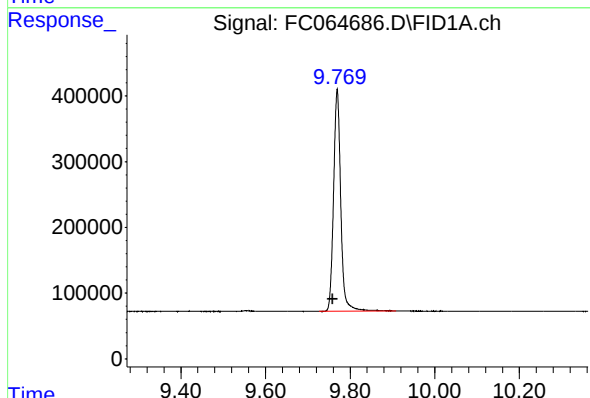
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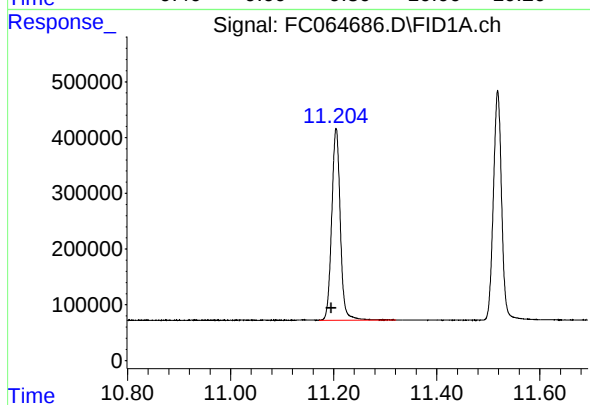
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.015 min
Response: 3936945
Conc: 22.19 ug/ml



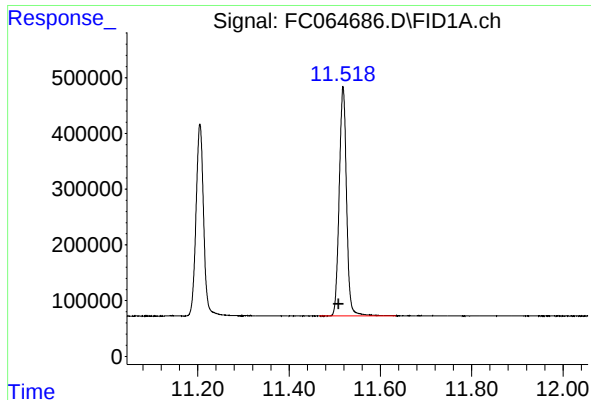
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: 0.011 min
Response: 3985402
Conc: 22.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.205 min
Delta R.T.: 0.009 min
Response: 3970946
Conc: 21.93 ug/ml



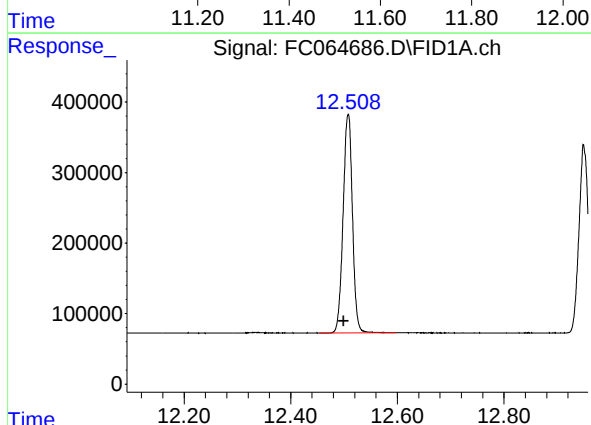
#9 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: 0.010 min
Response: 4579166
Conc: 22.63 ug/ml

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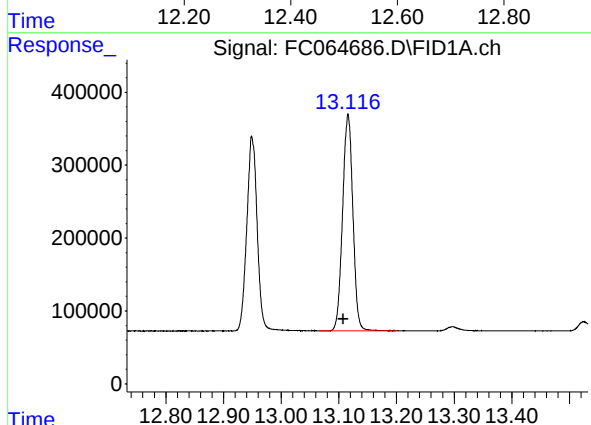
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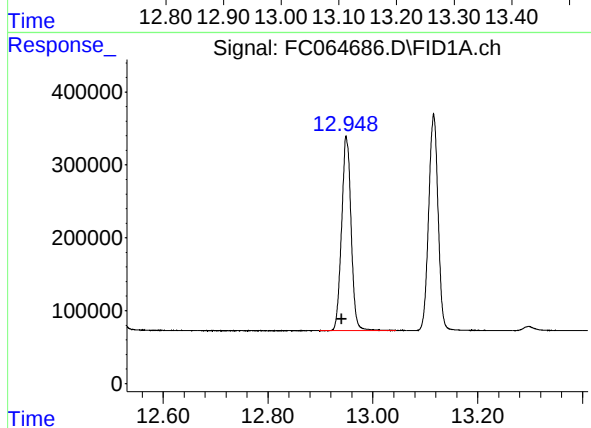
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: 0.009 min
Response: 3775557
Conc: 22.16 ug/ml



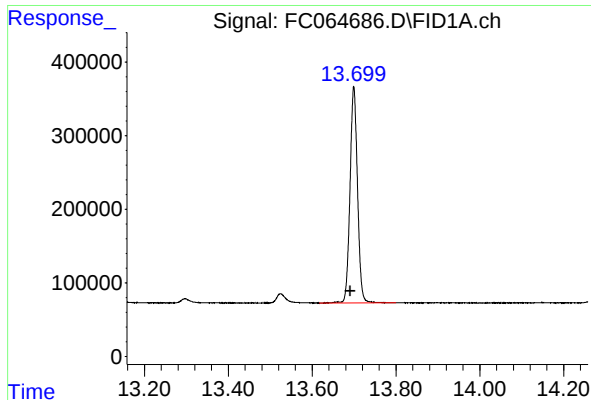
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.008 min
Response: 3684169
Conc: 22.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.949 min
Delta R.T.: 0.009 min
Response: 3341793
Conc: 22.94 ug/ml



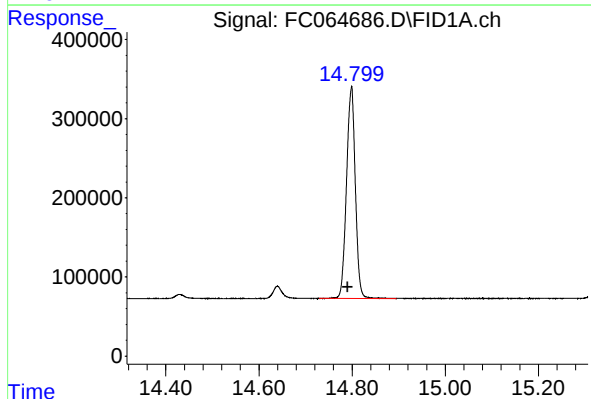
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.008 min
Response: 3640168
Conc: 22.34 ug/ml

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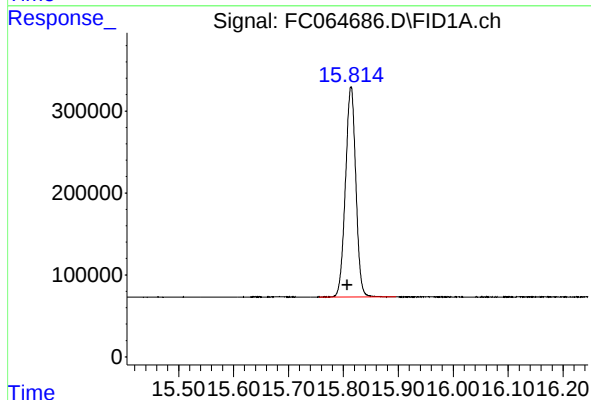
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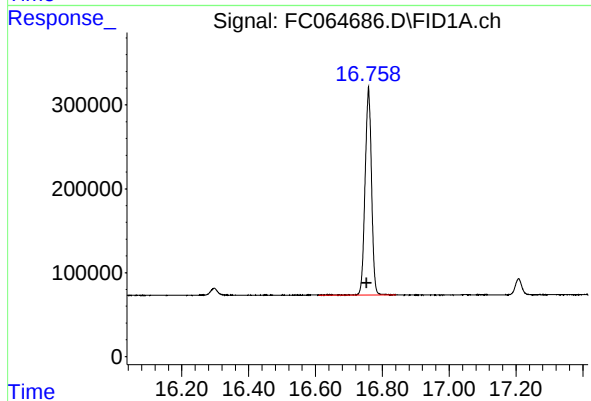
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.008 min
Response: 3521396
Conc: 22.18 ug/ml



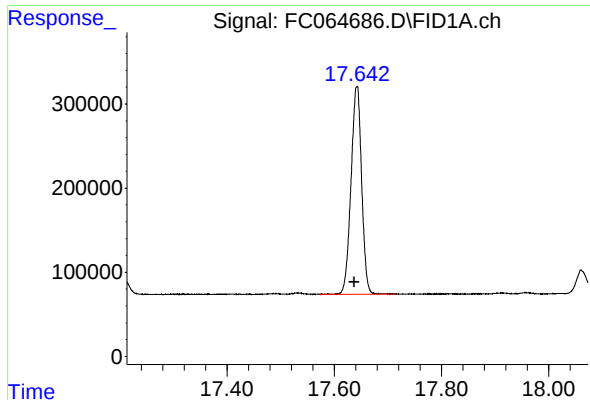
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.007 min
Response: 3365276
Conc: 22.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.759 min
Delta R.T.: 0.005 min
Response: 3303889
Conc: 22.32 ug/ml



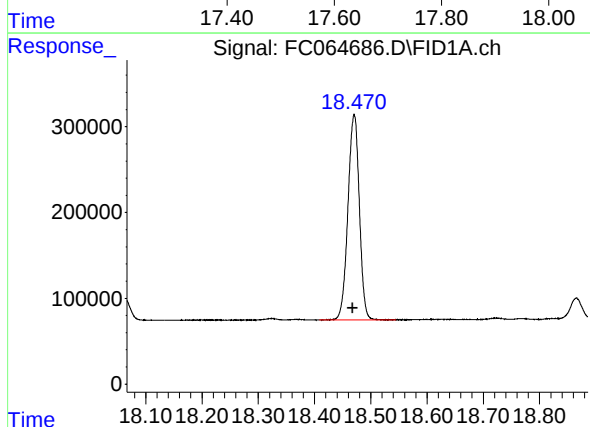
#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: 0.005 min
Response: 3395994
Conc: 22.86 ug/ml

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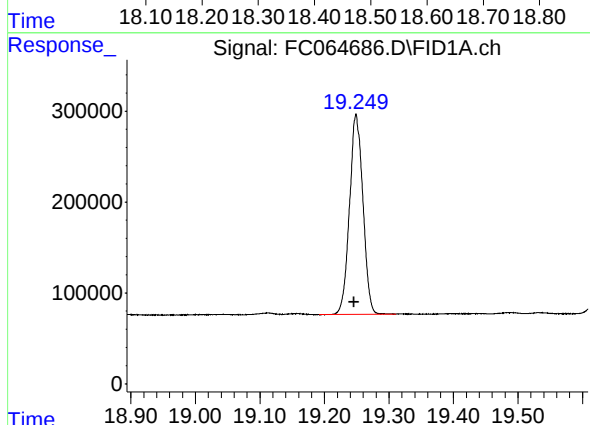
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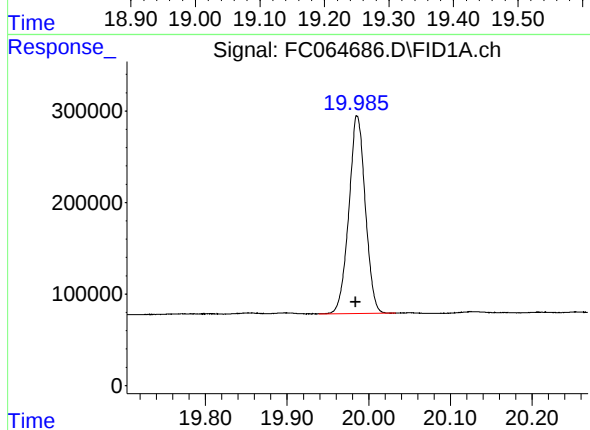
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.003 min
Response: 3378494
Conc: 23.15 ug/ml



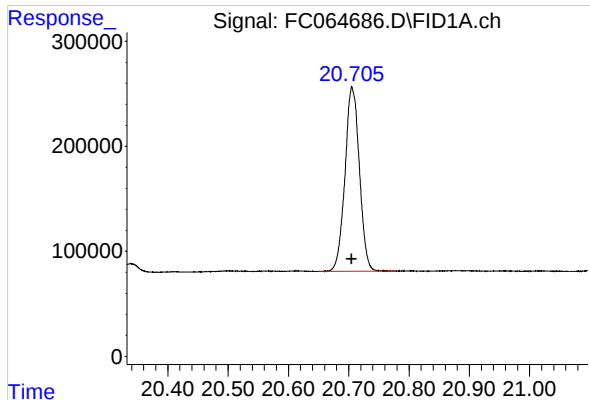
#19 n-Tetatriacontane (C34)

R.T.: 19.249 min
Delta R.T.: 0.003 min
Response: 3180191
Conc: 22.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.986 min
Delta R.T.: 0.002 min
Response: 3031339
Conc: 22.01 ug/ml



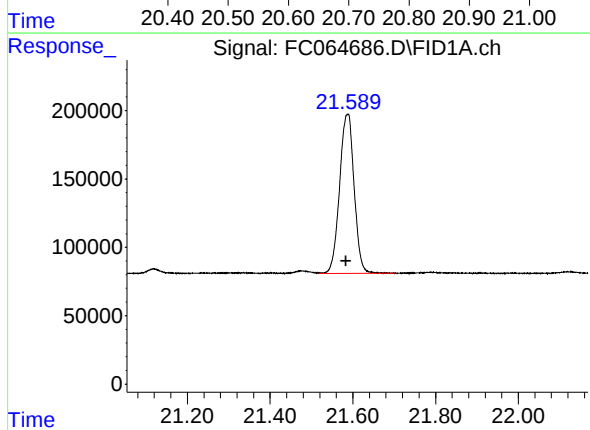
#21 n-Octatriacontane (C38)

R.T.: 20.706 min
Delta R.T.: 0.000 min
Response: 2917450
Conc: 21.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: 0.005 min
Response: 2843635
Conc: 20.90 ug/ml