

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092523AL\
 Data File : FC064648.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2023 14:05
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :Ankita Jodhani 09/26/2023

Integration File: autoint1.e
 Quant Time: Sep 25 14:36:42 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)	11.521	4493761	22.208 ug/ml
Spiked Amount 50.000		Recovery =	44.42%
12) S 1-chlorooctadecane (S...	12.952	3266274	22.424 ug/ml
Spiked Amount 50.000		Recovery =	44.85%
Target Compounds			
1) T n-Nonane (C9)	3.320	3843932	21.752 ug/mlm
2) T n-Decane (C10)	4.379	3890561	21.657 ug/ml
3) T A~Naphthalene (C11.7)	5.958	4101599	21.833 ug/ml
4) T n-Dodecane (C12)	6.388	3947140	21.731 ug/ml
5) T A~2-methylnaphthalene...	7.011	3944374	22.118 ug/ml
6) T n-Tetradecane (C14)	8.176	3853685	21.718 ug/ml
7) T n-Hexadecane (C16)	9.771	3843784	21.383 ug/ml
8) T n-Octadecane (C18)	11.207	3853842	21.285 ug/ml
10) T n-Eicosane (C20)	12.511	3681437	21.612 ug/ml
11) T n-Heneicosane (C21)	13.119	3605788	21.771 ug/ml
13) T n-Docosane (C22)	13.702	3530482	21.671 ug/ml
14) T n-Tetracosane (C24)	14.800	3393807	21.377 ug/ml
15) T n-Hexacosane (C26)	15.817	3241741	21.237 ug/ml
16) T n-Octacosane (C28)	16.761	3096174	20.920 ug/ml
17) T n-Tricontane (C30)	17.645	3034792	20.429 ug/ml
18) T n-Dotriacontane (C32)	18.475	2959791	20.281 ug/ml
19) T n-Tetratriacontane (C34)	19.254	2847105	20.026 ug/ml
20) T n-Hexatriacontane (C36)	19.990	2791796	20.269 ug/ml
21) T n-Octatriacontane (C38)	20.711	2746884	20.043 ug/ml
22) T n-Tetracontane (C40)	21.592	2697655	19.832 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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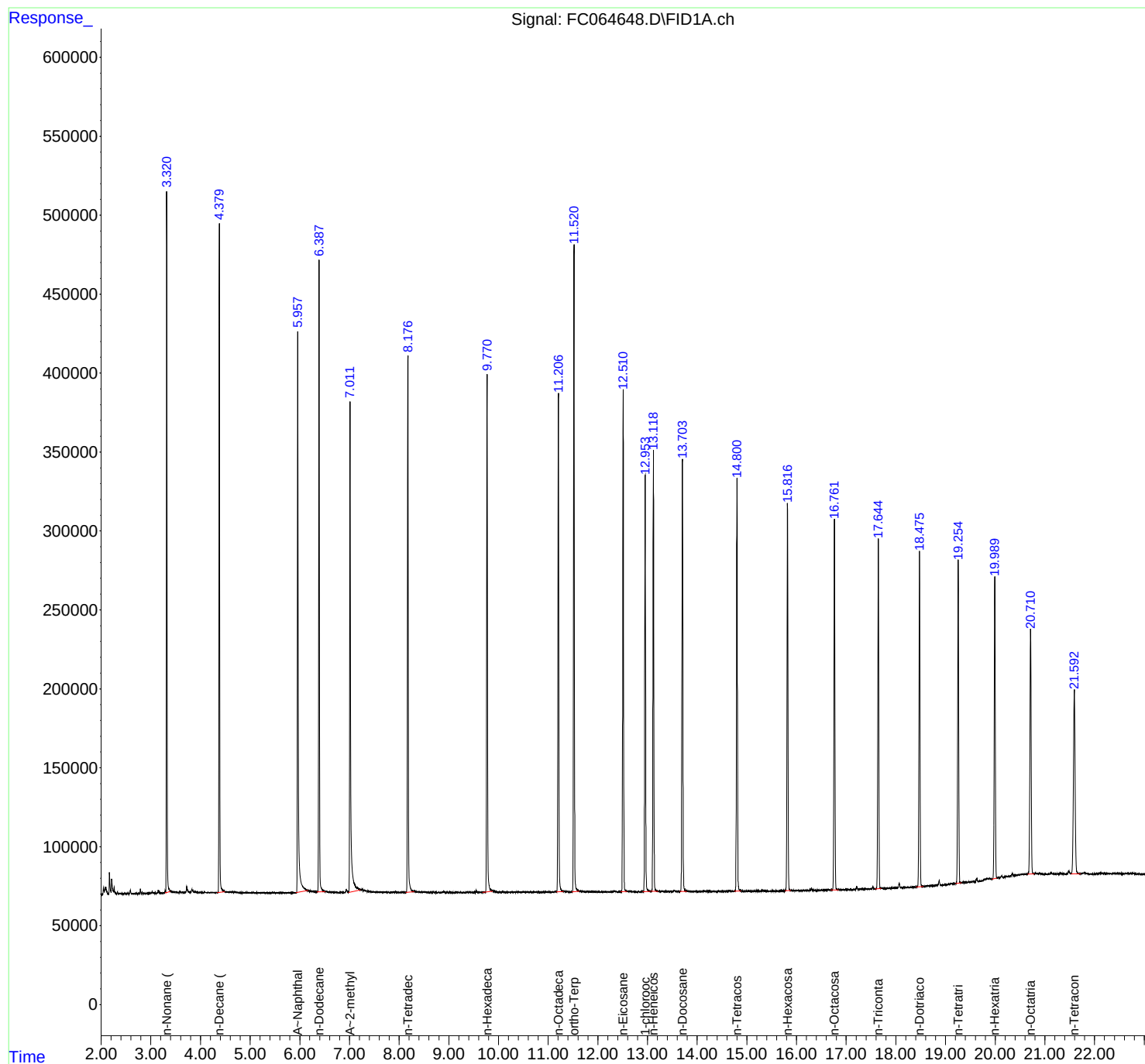
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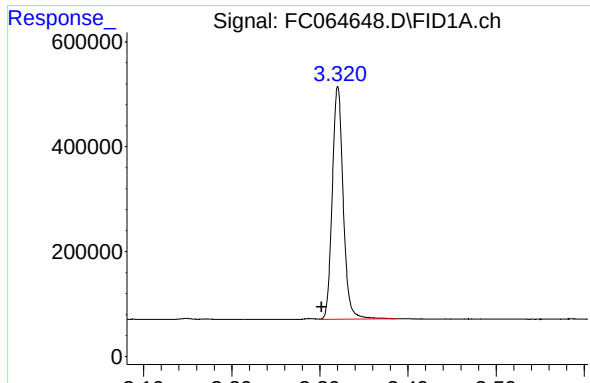
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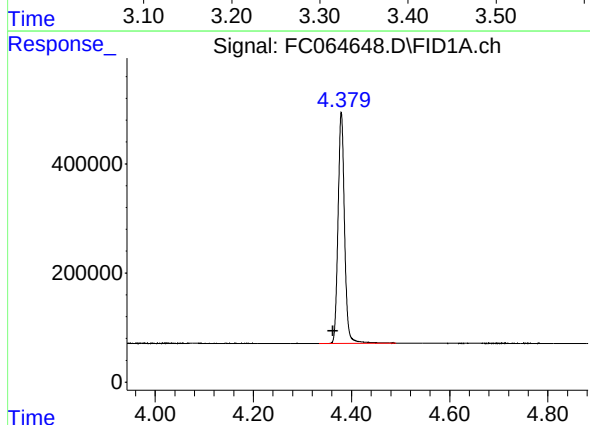
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: 0.018 min
Response: 3843932
Conc: 21.75 ug/ml

Instrument :
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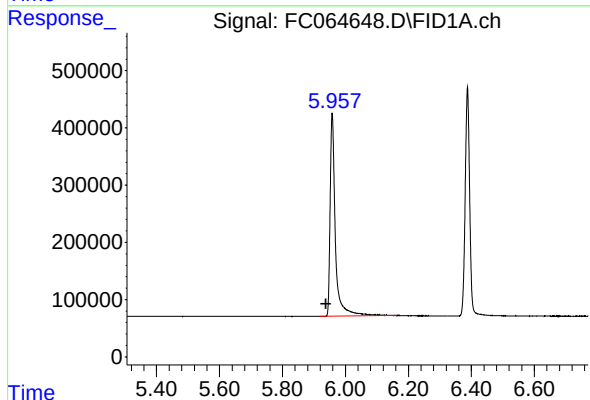
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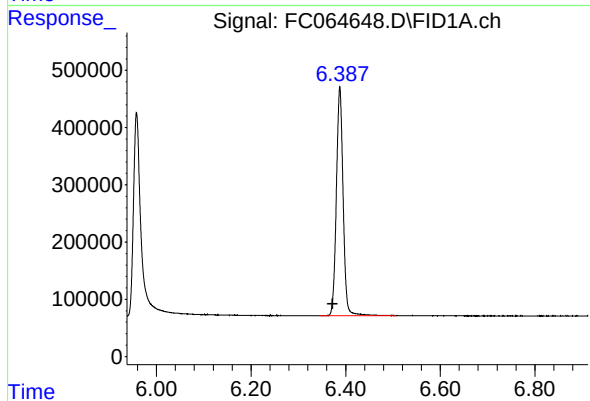
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: 0.017 min
Response: 3890561
Conc: 21.66 ug/ml



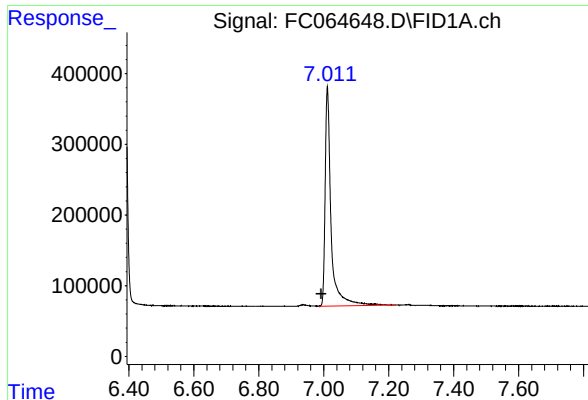
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.019 min
Response: 4101599
Conc: 21.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: 0.015 min
Response: 3947140
Conc: 21.73 ug/ml



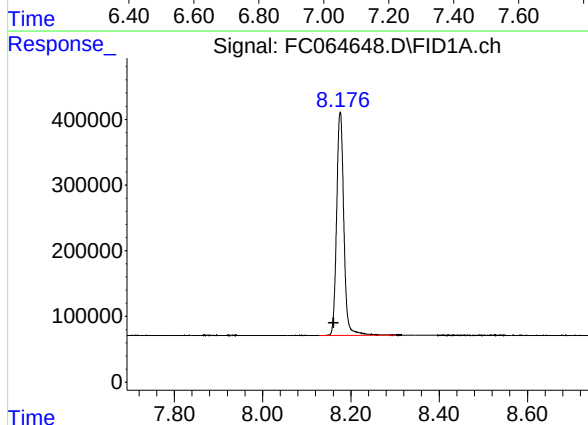
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: 0.019 min
Response: 3944374
Conc: 22.12 ug/ml

Instrument :
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ClientSampleId :
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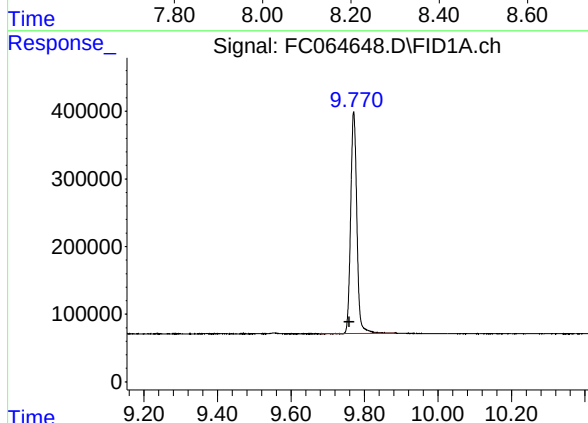
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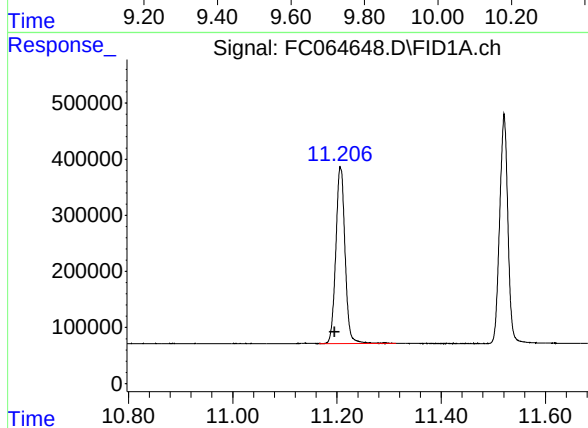
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.015 min
Response: 3853685
Conc: 21.72 ug/ml



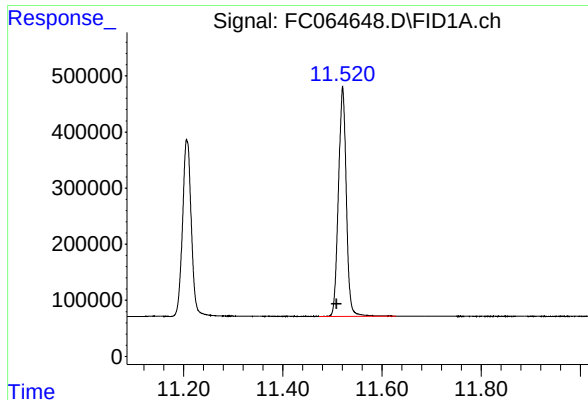
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: 0.012 min
Response: 3843784
Conc: 21.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.207 min
Delta R.T.: 0.011 min
Response: 3853842
Conc: 21.29 ug/ml



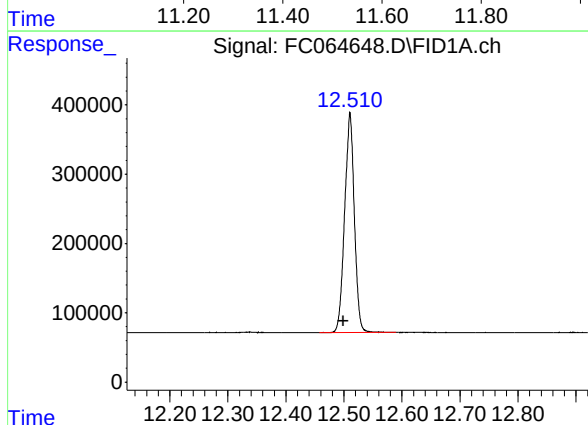
#9 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: 0.012 min
Response: 4493761
Conc: 22.21 ug/ml

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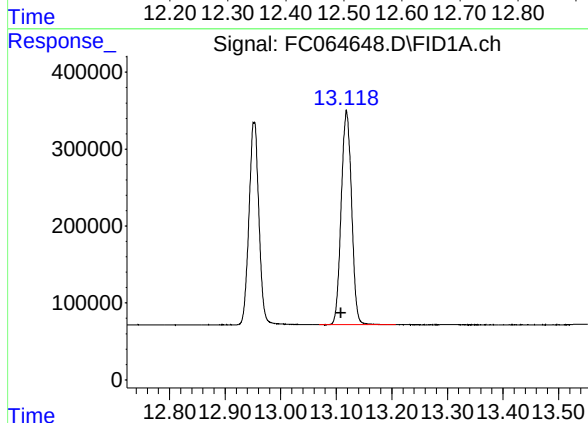
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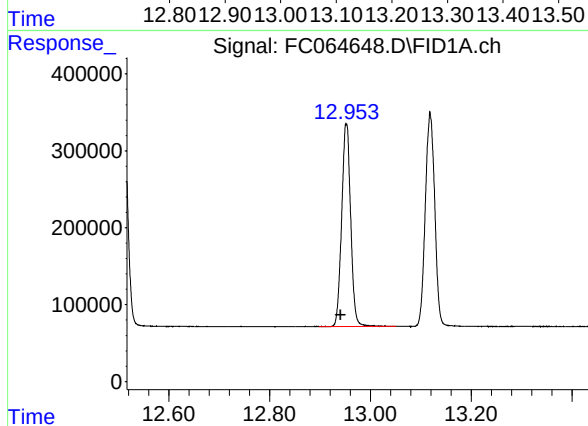
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: 0.011 min
Response: 3681437
Conc: 21.61 ug/ml



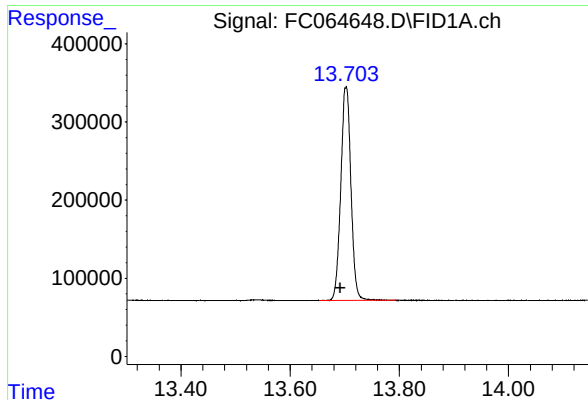
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: 0.011 min
Response: 3605788
Conc: 21.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.952 min
Delta R.T.: 0.012 min
Response: 3266274
Conc: 22.42 ug/ml



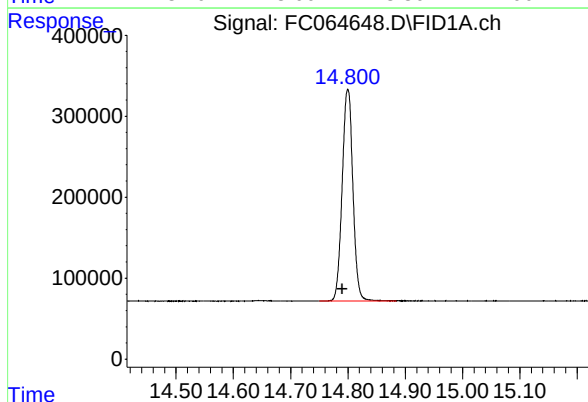
#13 n-Docosane (C22)

R.T.: 13.702 min
Delta R.T.: 0.011 min
Response: 3530482
Conc: 21.67 ug/ml

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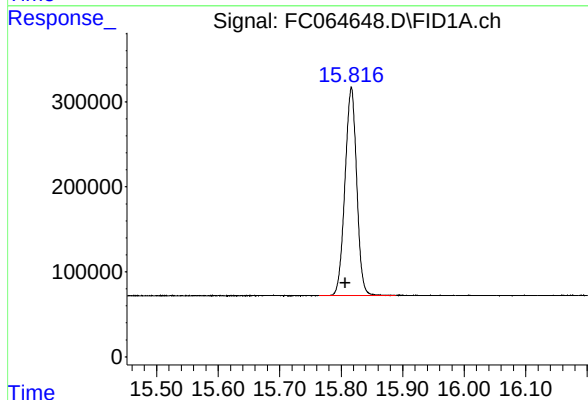
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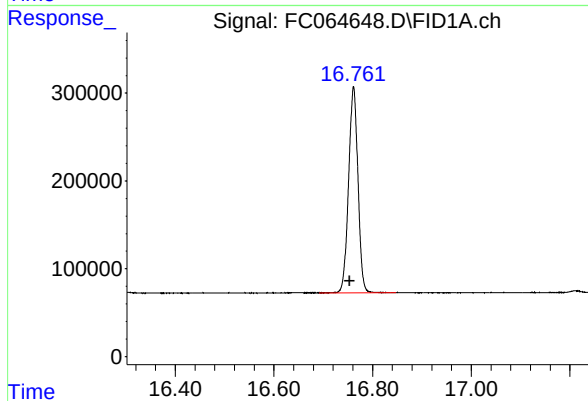
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.010 min
Response: 3393807
Conc: 21.38 ug/ml



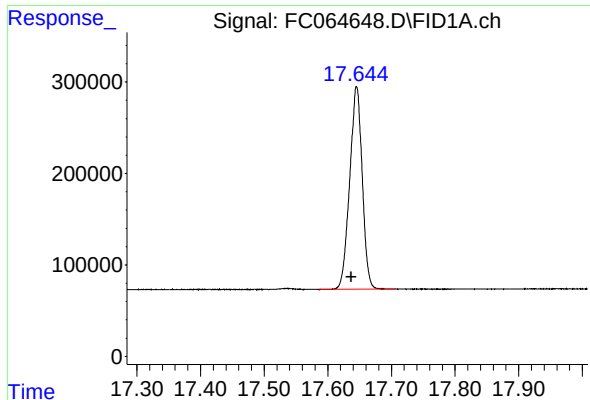
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.010 min
Response: 3241741
Conc: 21.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: 0.008 min
Response: 3096174
Conc: 20.92 ug/ml



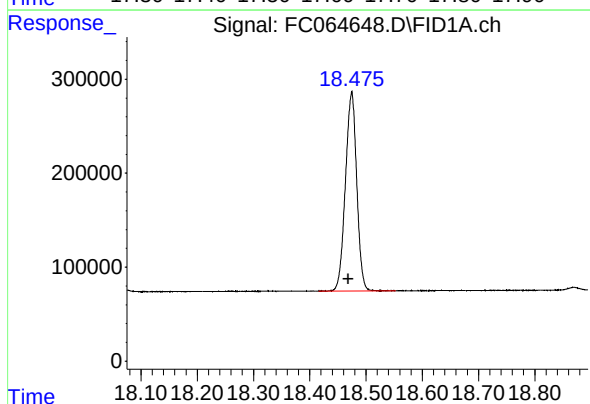
#17 n-Tricontane (C30)

R.T.: 17.645 min
Delta R.T.: 0.008 min
Response: 3034792
Conc: 20.43 ug/ml

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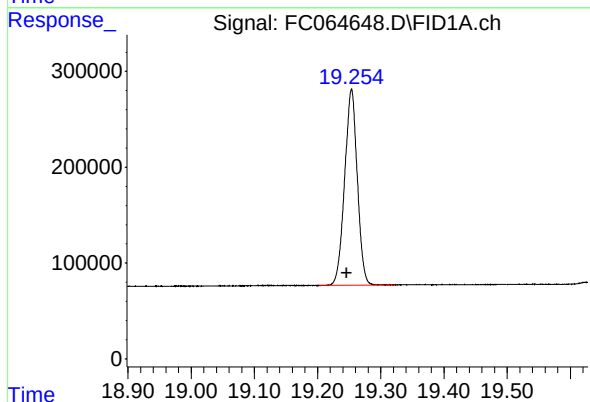
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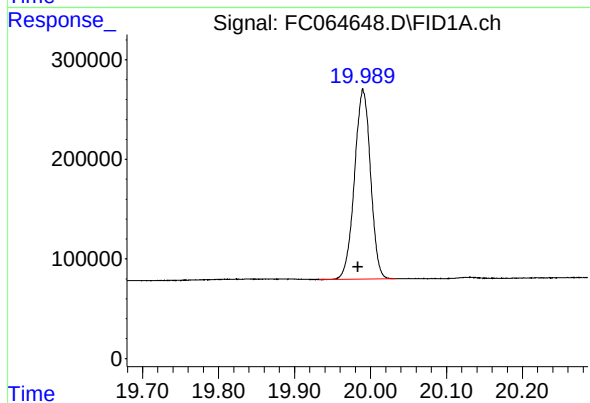
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.007 min
Response: 2959791
Conc: 20.28 ug/ml



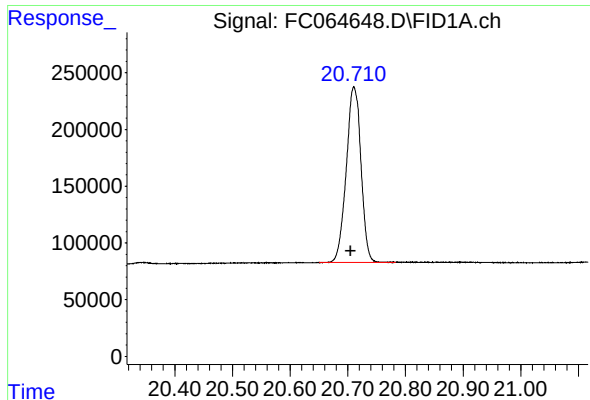
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: 0.008 min
Response: 2847105
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: 0.006 min
Response: 2791796
Conc: 20.27 ug/ml



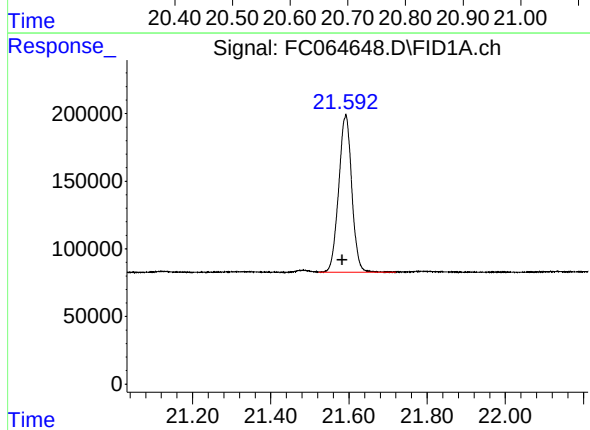
#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: 0.006 min
Response: 2746884
Conc: 20.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: 0.008 min
Response: 2697655
Conc: 19.83 ug/ml