

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050823AL\
 Data File : FC063573.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2023 09:06
 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 05/09/2023
 Supervised By :Ankita Jodhani 05/09/2023

Integration File: autoint1.e
 Quant Time: May 09 02:32:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.527	4239097	22.625 ug/ml
Spiked Amount 50.000		Recovery =	45.25%
12) S 1-chlorooctadecane (S...	12.963	2988242	22.820 ug/ml
Spiked Amount 50.000		Recovery =	45.64%
Target Compounds			
1) T n-Nonane (C9)	3.299	3685388	23.019 ug/ml
2) T n-Decane (C10)	4.362	3744871	23.143 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3941610	23.215 ug/ml
4) T n-Dodecane (C12)	6.380	3753815	23.060 ug/ml
5) T A~2-methylnaphthalene...	7.002	3810666	23.560 ug/ml
6) T n-Tetradecane (C14)	8.174	3666001	23.213 ug/ml
7) T n-Hexadecane (C16)	9.773	3693955	23.026 ug/ml
8) T n-Octadecane (C18)	11.213	3688746	23.032 ug/ml
10) T n-Eicosane (C20)	12.520	3470911	22.878 ug/ml
11) T n-Heneicosane (C21)	13.131	3371594	23.007 ug/ml
13) T n-Docosane (C22)	13.716	3312356	22.955 ug/ml
14) T n-Tetracosane (C24)	14.816	3301013	23.467 ug/ml
15) T n-Hexacosane (C26)	15.834	3261595	23.882 ug/ml
16) T n-Octacosane (C28)	16.782	3186990	24.095 ug/ml
17) T n-Tricontane (C30)	17.666	3205207	23.837 ug/ml
18) T n-Dotriacontane (C32)	18.497	3104010	23.247 ug/ml
19) T n-Tetratriacontane (C34)	19.279	2938348	22.636 ug/ml
20) T n-Hexatriacontane (C36)	20.014	2800472	22.614 ug/mlm
21) T n-Octatriacontane (C38)	20.740	2811915	22.503 ug/ml
22) T n-Tetracontane (C40)	21.633	2836525	23.074 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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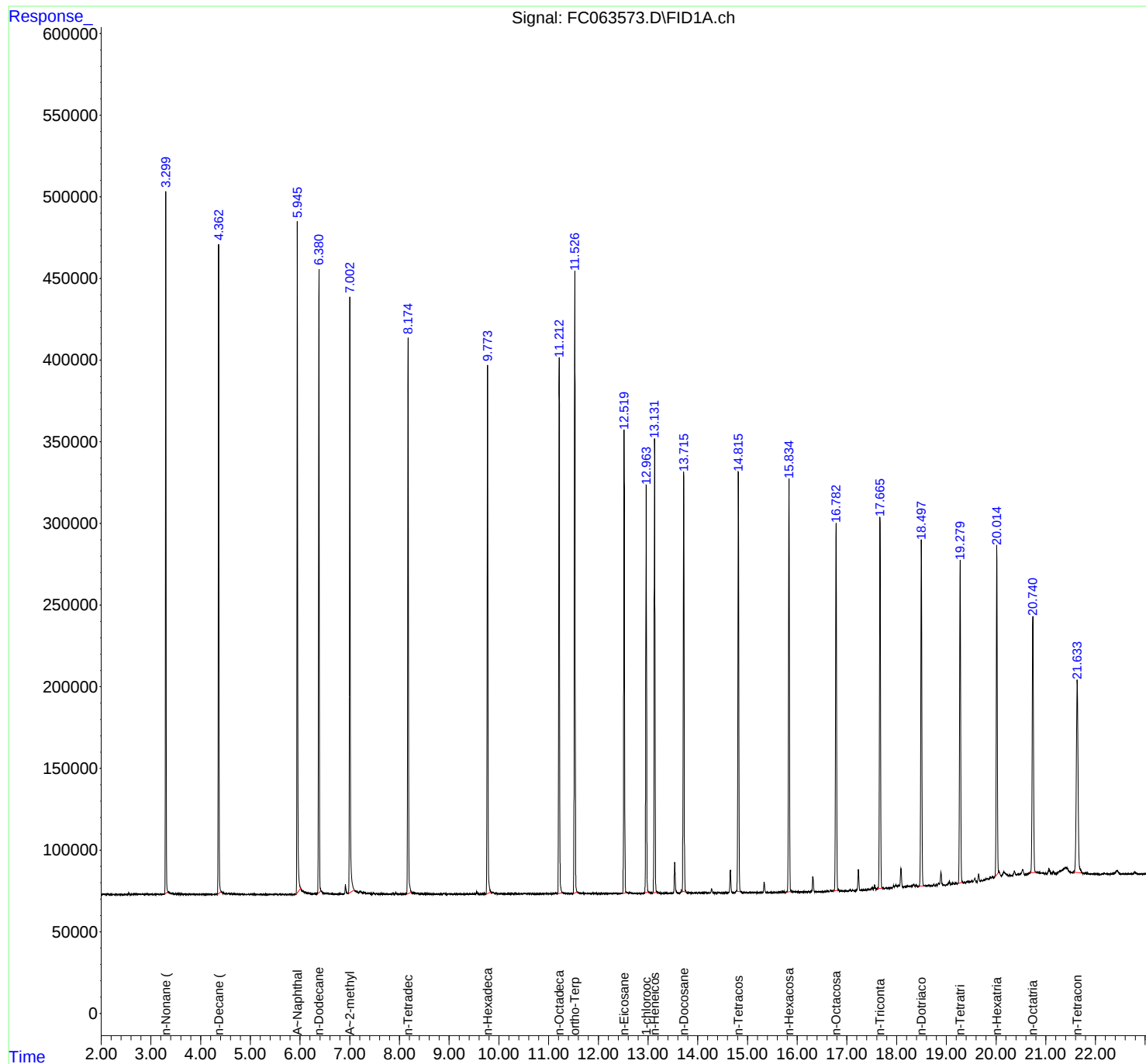
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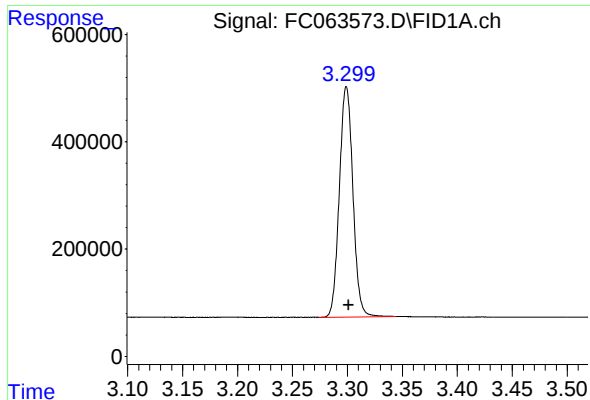
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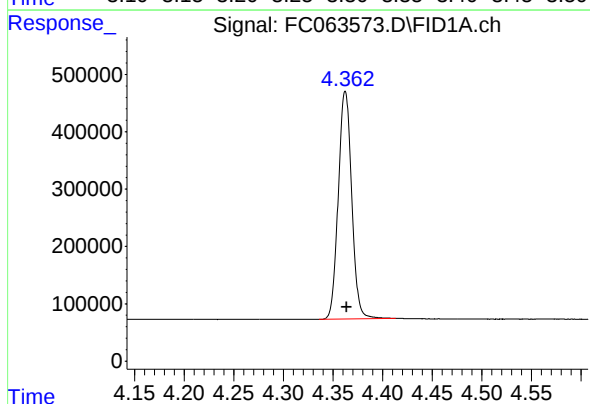
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: -0.002 min
Response: 3685388
Conc: 23.02 ug/ml

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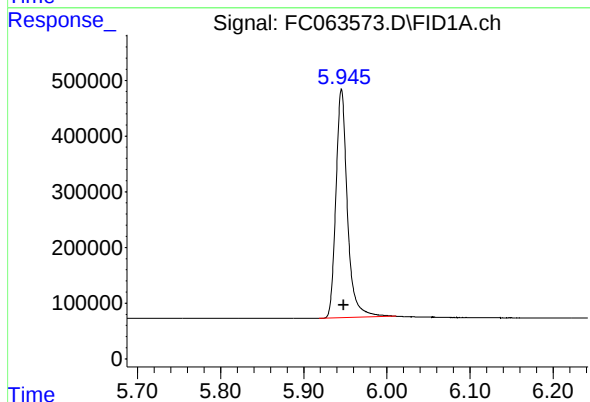
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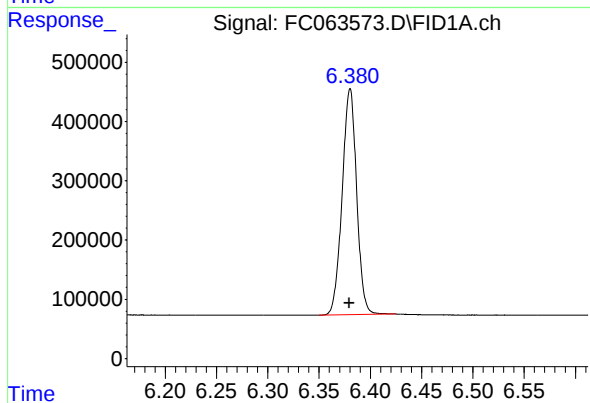
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 3744871
Conc: 23.14 ug/ml



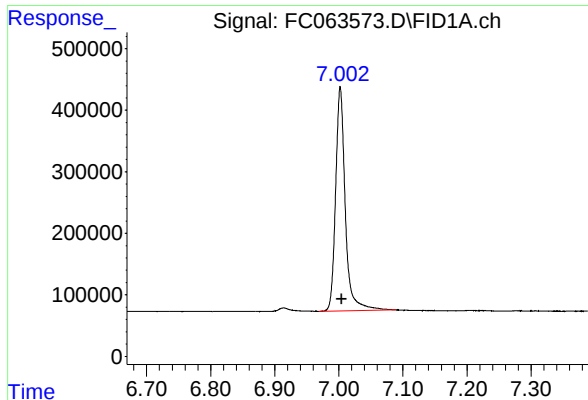
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 3941610
Conc: 23.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 3753815
Conc: 23.06 ug/ml



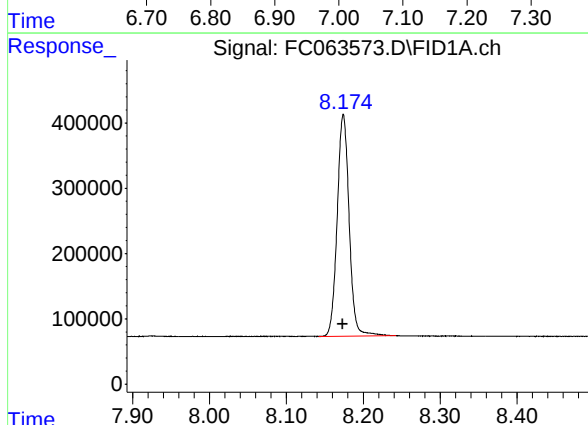
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.002 min
Response: 3810666
Conc: 23.56 ug/ml

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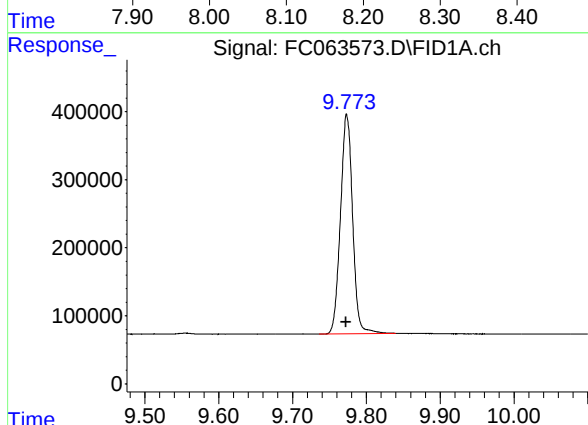
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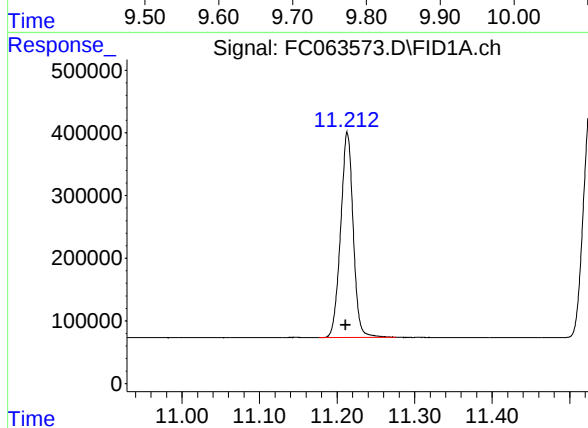
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 3666001
Conc: 23.21 ug/ml



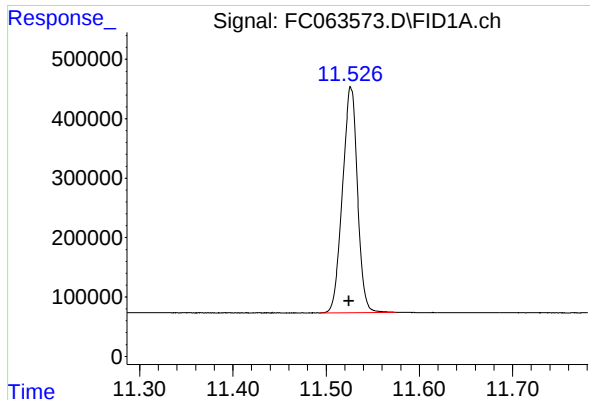
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.001 min
Response: 3693955
Conc: 23.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.213 min
Delta R.T.: 0.002 min
Response: 3688746
Conc: 23.03 ug/ml



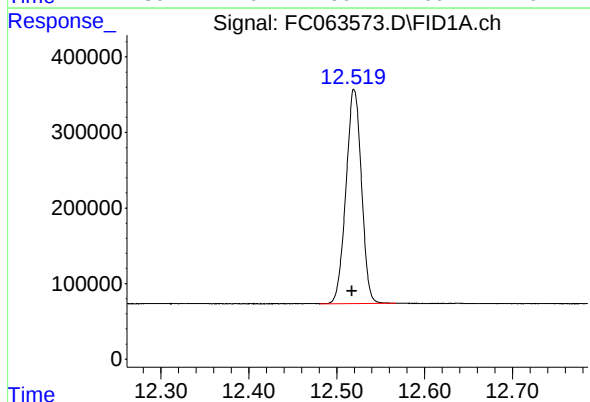
#9 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: 0.002 min
Response: 4239097
Conc: 22.63 ug/ml

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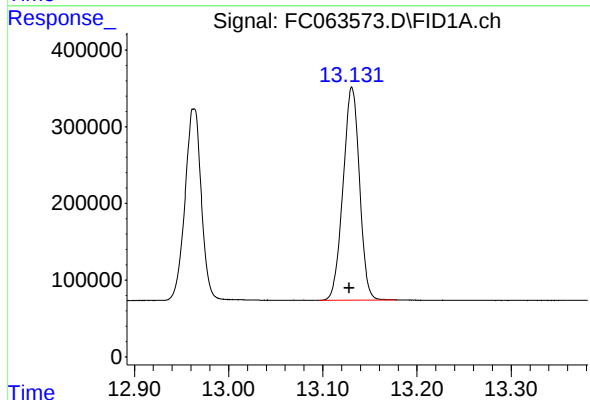
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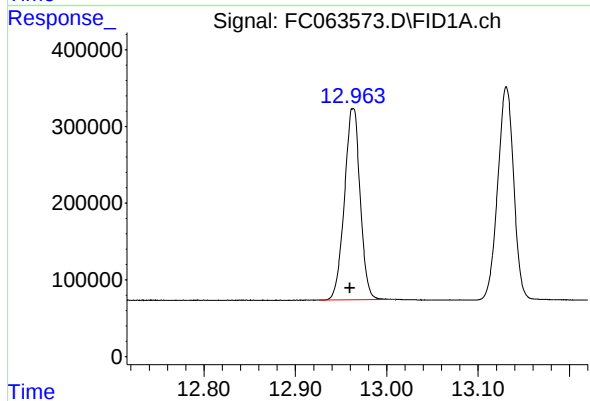
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: 0.002 min
Response: 3470911
Conc: 22.88 ug/ml



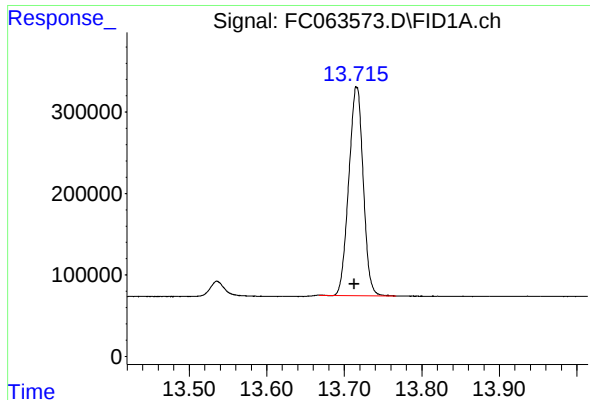
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: 0.003 min
Response: 3371594
Conc: 23.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min
Delta R.T.: 0.003 min
Response: 2988242
Conc: 22.82 ug/ml



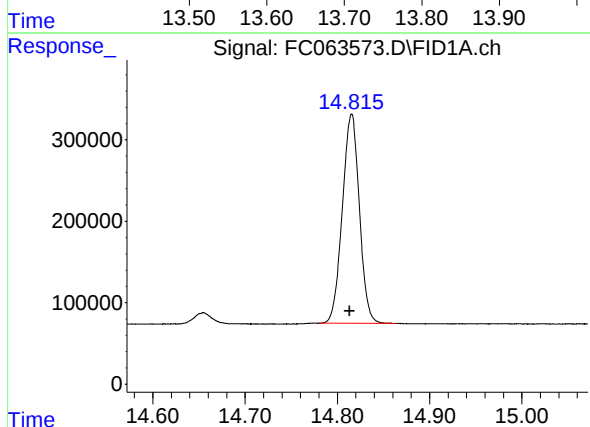
#13 n-Docosane (C22)

R.T.: 13.716 min
Delta R.T.: 0.003 min
Response: 3312356
Conc: 22.95 ug/ml

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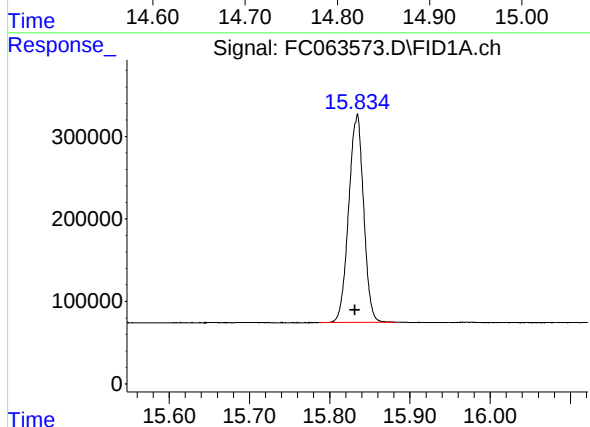
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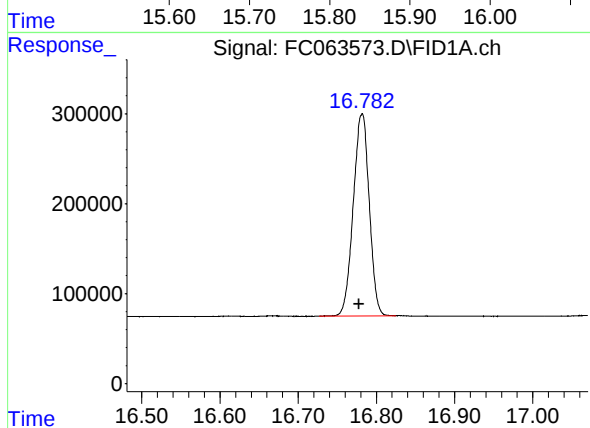
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: 0.002 min
Response: 3301013
Conc: 23.47 ug/ml



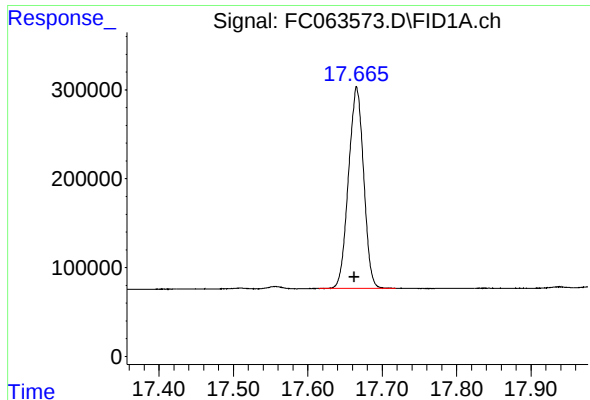
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: 0.003 min
Response: 3261595
Conc: 23.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: 0.004 min
Response: 3186990
Conc: 24.09 ug/ml



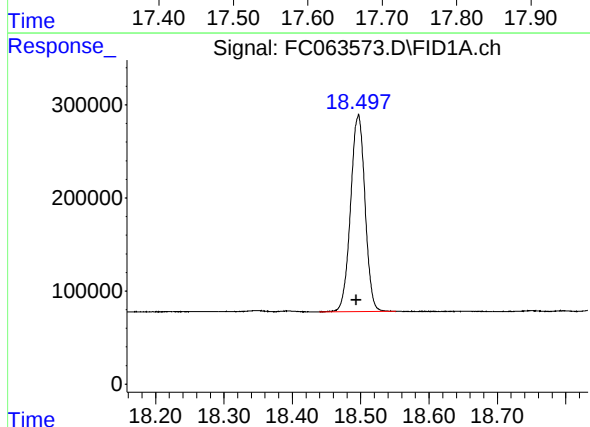
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: 0.003 min
Response: 3205207
Conc: 23.84 ug/ml

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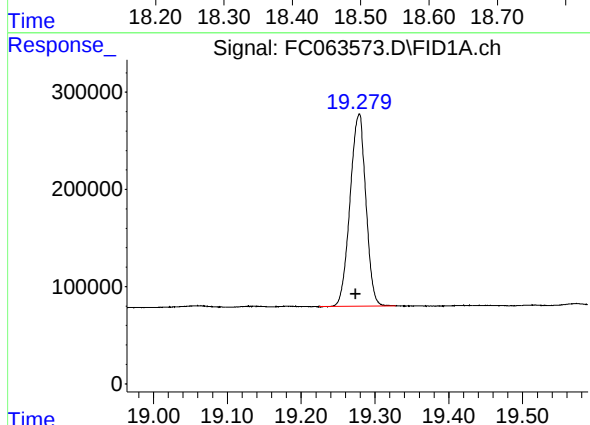
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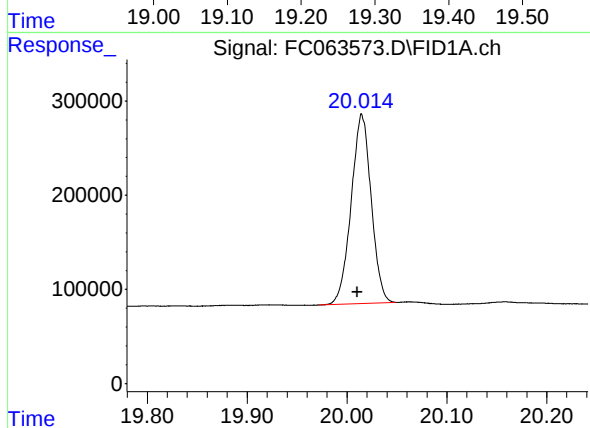
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: 0.003 min
Response: 3104010
Conc: 23.25 ug/ml



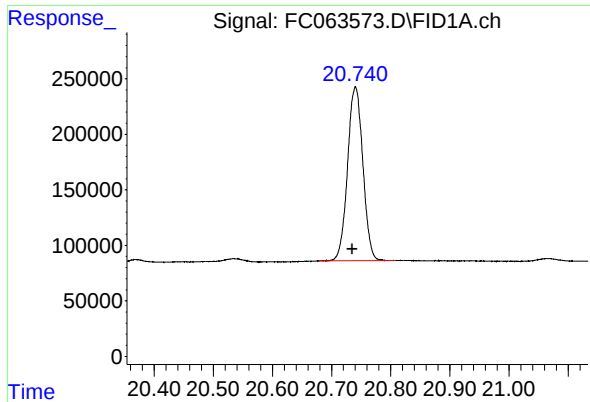
#19 n-Tetratriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.005 min
Response: 2938348
Conc: 22.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.014 min
Delta R.T.: 0.004 min
Response: 2800472
Conc: 22.61 ug/ml m



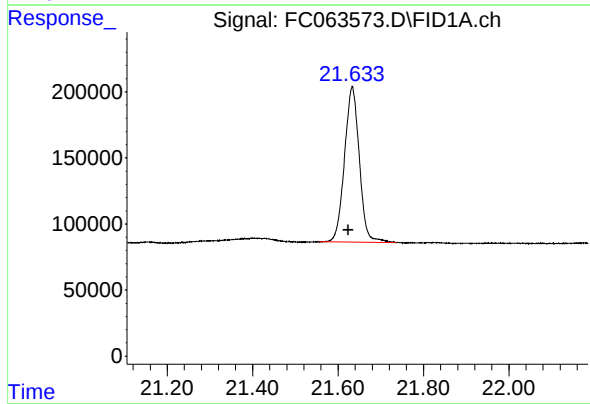
#21 n-Octatriacontane (C38)

R.T.: 20.740 min
Delta R.T.: 0.005 min
Response: 2811915
Conc: 22.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.633 min
Delta R.T.: 0.009 min
Response: 2836525
Conc: 23.07 ug/ml