

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060923AL\
 Data File : FC063809.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jun 2023 14:14
 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

Integration File: autoint1.e
 Quant Time: Jun 10 01:08:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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

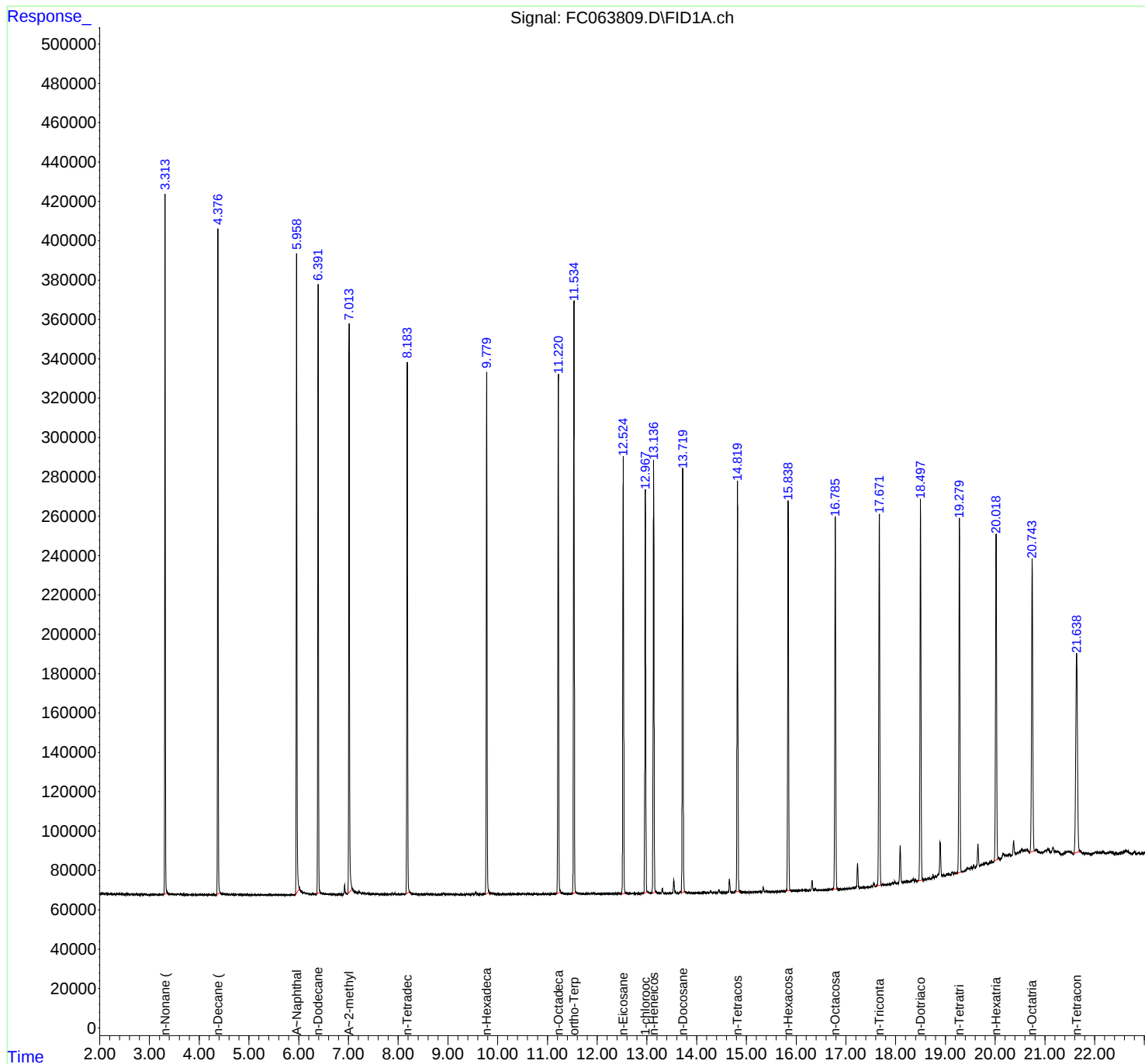
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.534	3305565	18.114 ug/ml
Spiked Amount 50.000		Recovery =	36.23%
12) S 1-chlorooctadecane (S...	12.968	2366182	18.519 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
Target Compounds			
1) T n-Nonane (C9)	3.313	3013378	18.907 ug/ml
2) T n-Decane (C10)	4.376	3063376	18.951 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3154310	18.157 ug/ml
4) T n-Dodecane (C12)	6.392	3054746	18.682 ug/ml
5) T A~2-methylnaphthalene...	7.014	2993976	18.276 ug/ml
6) T n-Tetradecane (C14)	8.184	2941680	18.705 ug/ml
7) T n-Hexadecane (C16)	9.780	2966504	18.641 ug/ml
8) T n-Octadecane (C18)	11.220	2924502	18.483 ug/ml
10) T n-Eicosane (C20)	12.525	2758853	18.655 ug/ml
11) T n-Heneicosane (C21)	13.135	2678155	18.606 ug/ml
13) T n-Docosane (C22)	13.720	2638024	18.726 ug/ml
14) T n-Tetracosane (C24)	14.820	2586875	18.852 ug/ml
15) T n-Hexacosane (C26)	15.838	2538601	19.146 ug/ml
16) T n-Octacosane (C28)	16.785	2529924	19.924 ug/ml
17) T n-Tricontane (C30)	17.671	2679411	20.972 ug/ml
18) T n-Dotriacontane (C32)	18.498	2707402	21.758 ug/ml
19) T n-Tetratriacontane (C34)	19.280	2624644	21.287 ug/ml
20) T n-Hexatriacontane (C36)	20.019	2518340	20.982 ug/ml
21) T n-Octatriacontane (C38)	20.744	2477503	20.521 ug/ml
22) T n-Tetracontane (C40)	21.638	2438727	20.126 ug/ml

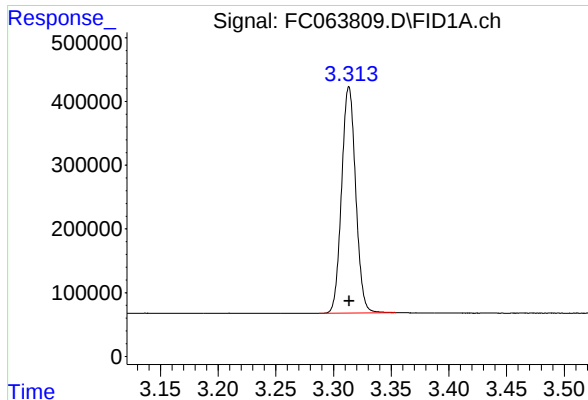
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

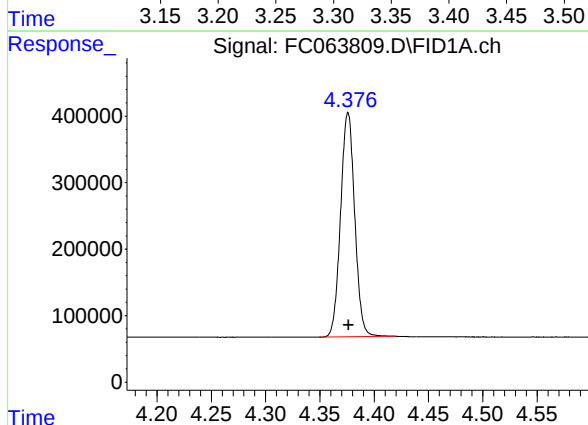




#1 n-Nonane (C9)

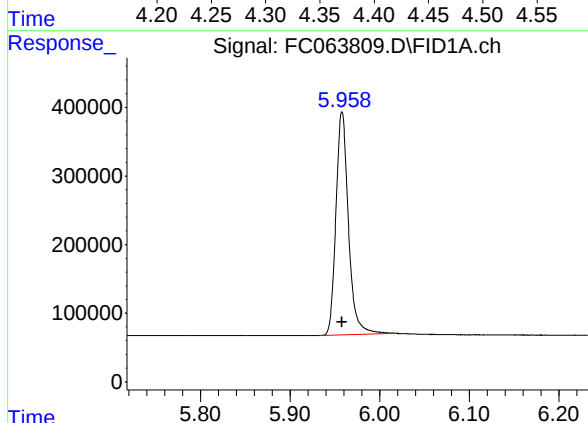
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 3013378
Conc: 18.91 ug/ml

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20 PPM ALIPHATIC HC STD



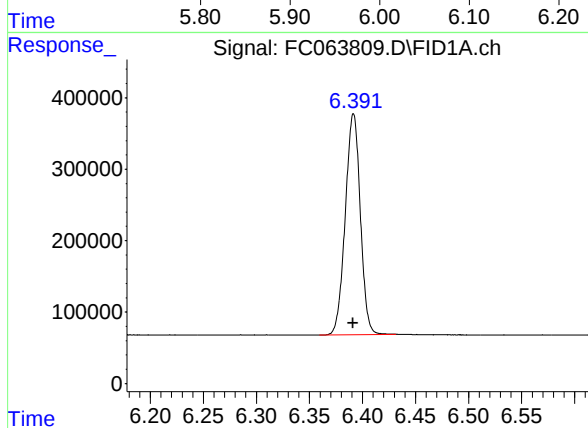
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 3063376
Conc: 18.95 ug/ml



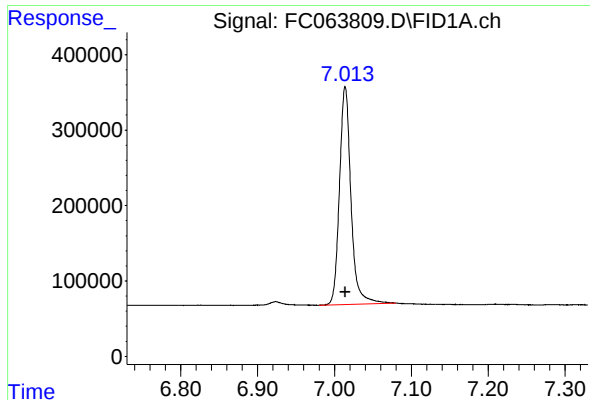
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 3154310
Conc: 18.16 ug/ml



#4 n-Dodecane (C12)

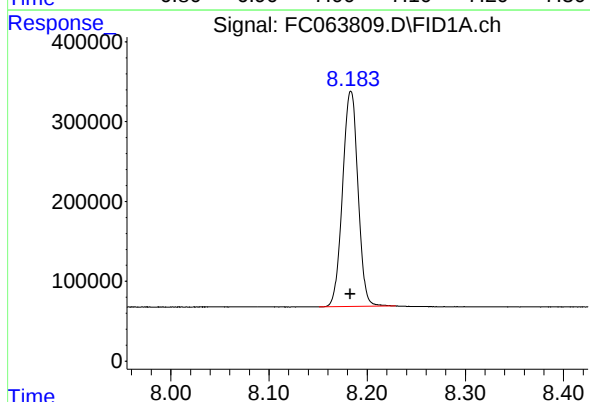
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 3054746
Conc: 18.68 ug/ml



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

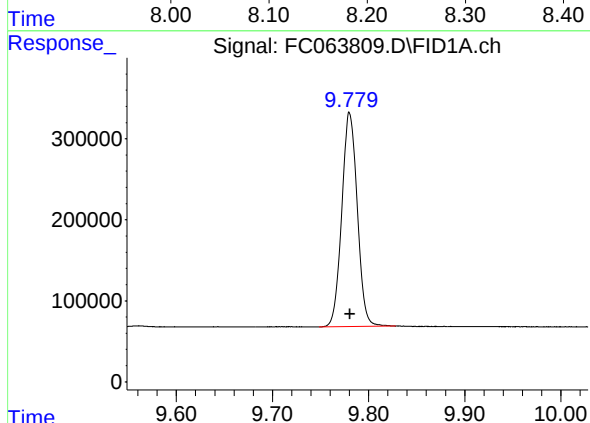
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 2993976
Conc: 18.28 ug/ml

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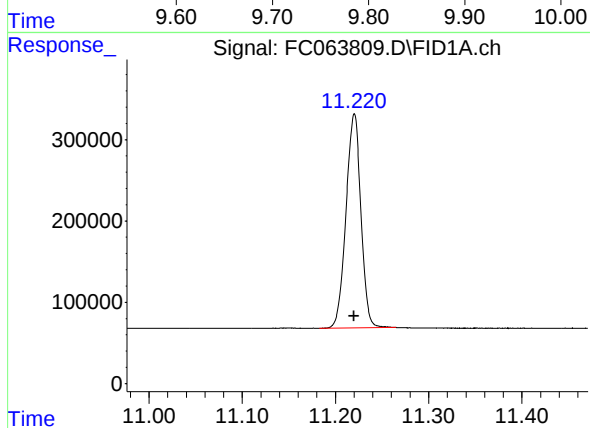
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.000 min
Response: 2941680
Conc: 18.70 ug/ml



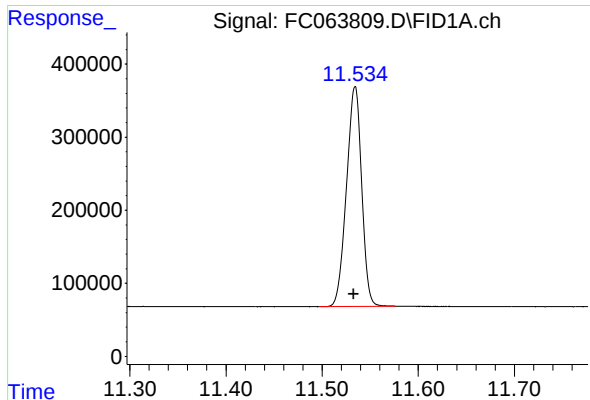
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 2966504
Conc: 18.64 ug/ml



#8 n-Octadecane (C18)

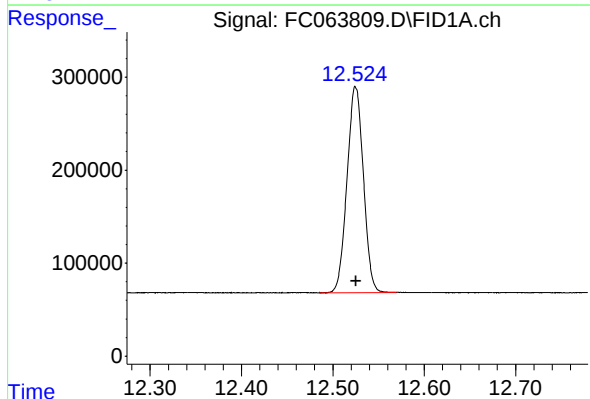
R.T.: 11.220 min
Delta R.T.: 0.000 min
Response: 2924502
Conc: 18.48 ug/ml



#9 ortho-Terphenyl (SURR)

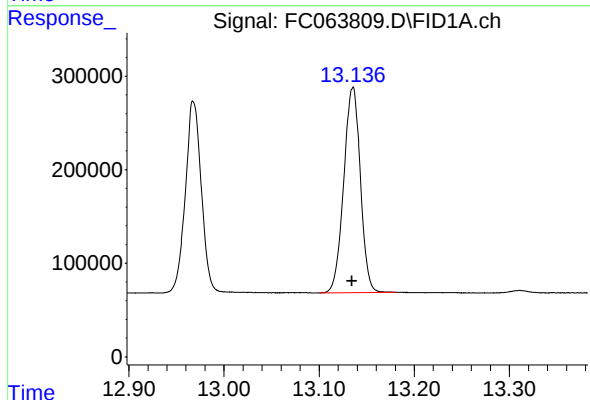
R.T.: 11.534 min
Delta R.T.: 0.002 min
Response: 3305565
Conc: 18.11 ug/ml

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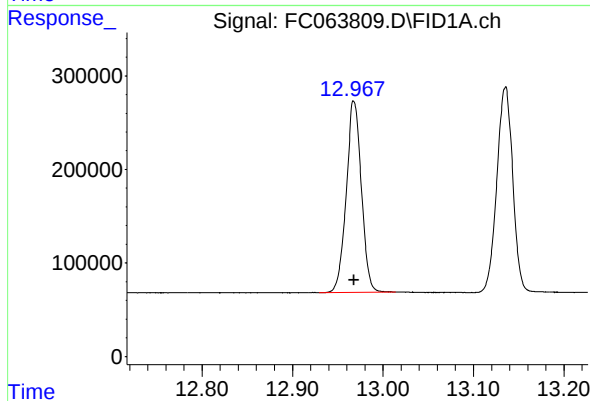
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.000 min
Response: 2758853
Conc: 18.65 ug/ml



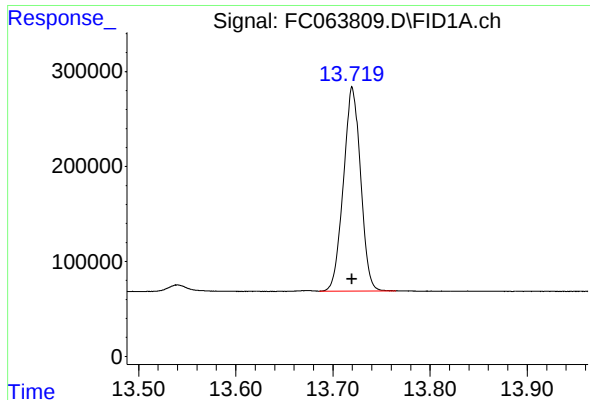
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.000 min
Response: 2678155
Conc: 18.61 ug/ml



#12 1-chlorooctadecane (SURR)

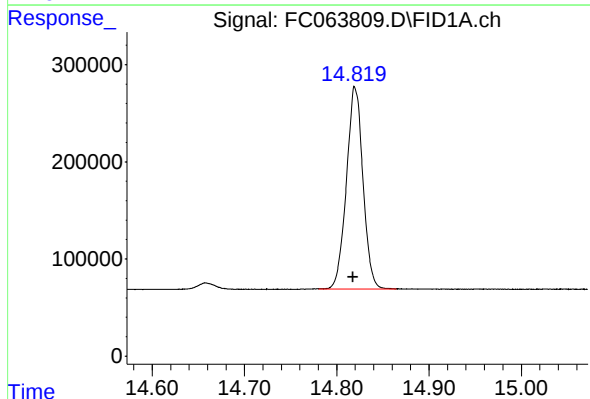
R.T.: 12.968 min
Delta R.T.: 0.000 min
Response: 2366182
Conc: 18.52 ug/ml



#13 n-Docosane (C22)

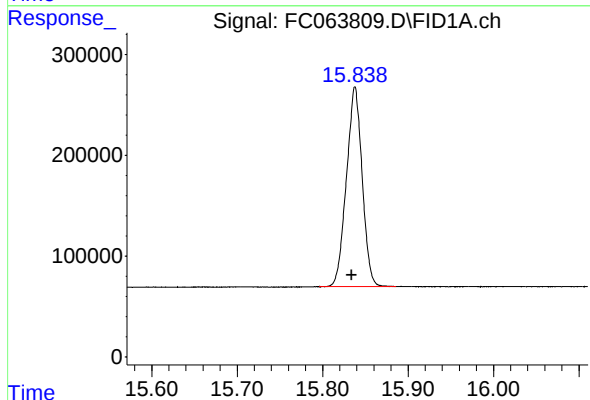
R.T.: 13.720 min
Delta R.T.: 0.000 min
Response: 2638024
Conc: 18.73 ug/ml

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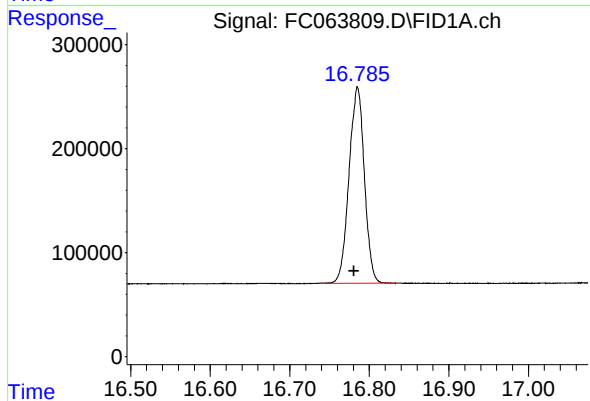
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: 0.002 min
Response: 2586875
Conc: 18.85 ug/ml



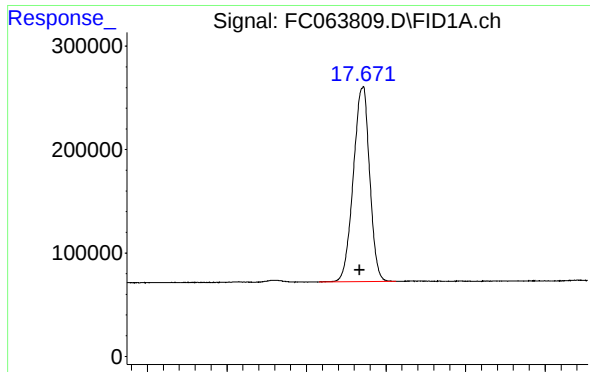
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.004 min
Response: 2538601
Conc: 19.15 ug/ml



#16 n-Octacosane (C28)

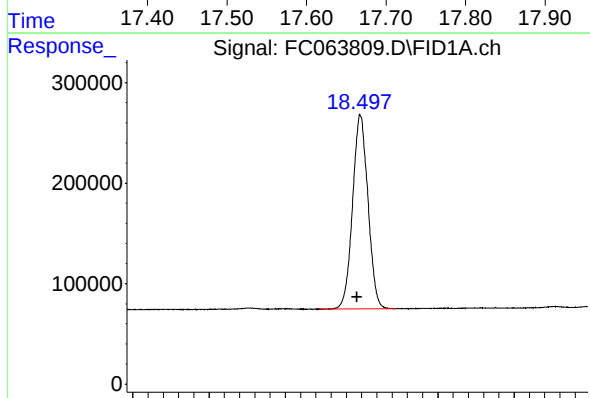
R.T.: 16.785 min
Delta R.T.: 0.005 min
Response: 2529924
Conc: 19.92 ug/ml



#17 n-Tricontane (C30)

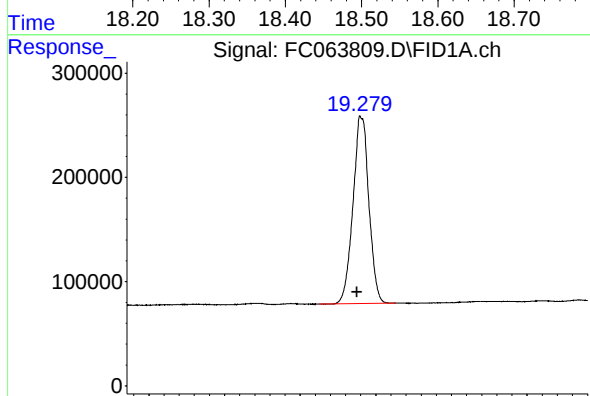
R.T.: 17.671 min
Delta R.T.: 0.004 min
Response: 2679411
Conc: 20.97 ug/ml

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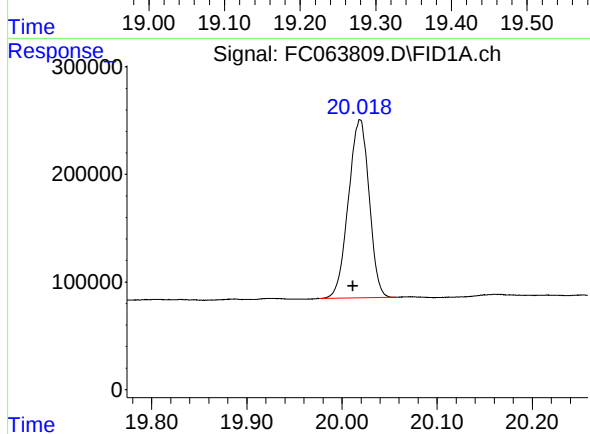
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: 0.004 min
Response: 2707402
Conc: 21.76 ug/ml



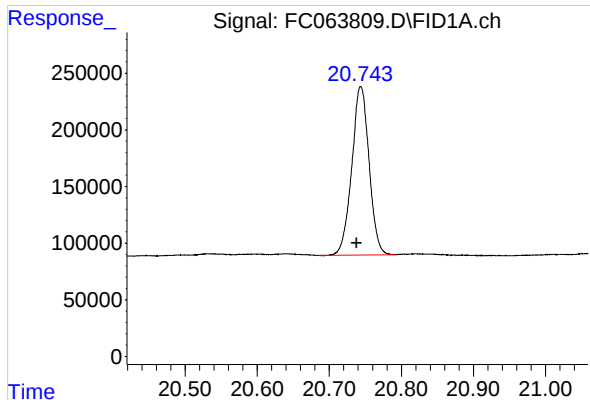
#19 n-Tetatriacontane (C34)

R.T.: 19.280 min
Delta R.T.: 0.005 min
Response: 2624644
Conc: 21.29 ug/ml



#20 n-Hexatriacontane (C36)

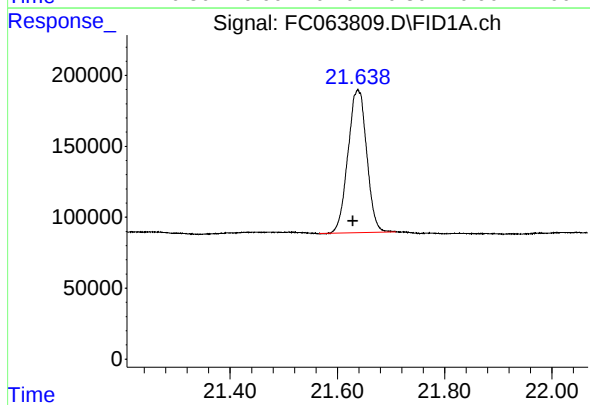
R.T.: 20.019 min
Delta R.T.: 0.008 min
Response: 2518340
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: 0.006 min
Response: 2477503
Conc: 20.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.638 min
Delta R.T.: 0.009 min
Response: 2438727
Conc: 20.13 ug/ml