

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061623AL\
 Data File : FC063873.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2023 03:27
 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 17 04:04:12 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)	11.528	3479203	19.066 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
12) S 1-chlorooctadecane (S...	12.963	2495566	19.531 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
Target Compounds			
1) T n-Nonane (C9)	3.309	3192705	20.032 ug/ml
2) T n-Decane (C10)	4.371	3231855	19.993 ug/ml
3) T A~Naphthalene (C11.7)	5.952	3349624	19.281 ug/ml
4) T n-Dodecane (C12)	6.386	3210398	19.634 ug/ml
5) T A~2-methylnaphthalene...	7.008	3177537	19.396 ug/ml
6) T n-Tetradecane (C14)	8.178	3094895	19.679 ug/ml
7) T n-Hexadecane (C16)	9.776	3108442	19.533 ug/ml
8) T n-Octadecane (C18)	11.215	3088229	19.518 ug/ml
10) T n-Eicosane (C20)	12.522	2909383	19.672 ug/ml
11) T n-Heneicosane (C21)	13.132	2825026	19.626 ug/ml
13) T n-Docosane (C22)	13.715	2776216	19.707 ug/ml
14) T n-Tetracosane (C24)	14.816	2728295	19.883 ug/ml
15) T n-Hexacosane (C26)	15.833	2655118	20.025 ug/ml
16) T n-Octacosane (C28)	16.781	2596289	20.447 ug/ml
17) T n-Tricontane (C30)	17.668	2660517	20.824 ug/ml
18) T n-Dotriacontane (C32)	18.497	2646732	21.270 ug/ml
19) T n-Tetratriacontane (C34)	19.279	2608265	21.154 ug/ml
20) T n-Hexatriacontane (C36)	20.015	2553038	21.271 ug/ml
21) T n-Octatriacontane (C38)	20.740	2554951	21.162 ug/ml
22) T n-Tetracontane (C40)	21.630	2585959	21.342 ug/ml

(f)=RT Delta > 1/2 Window

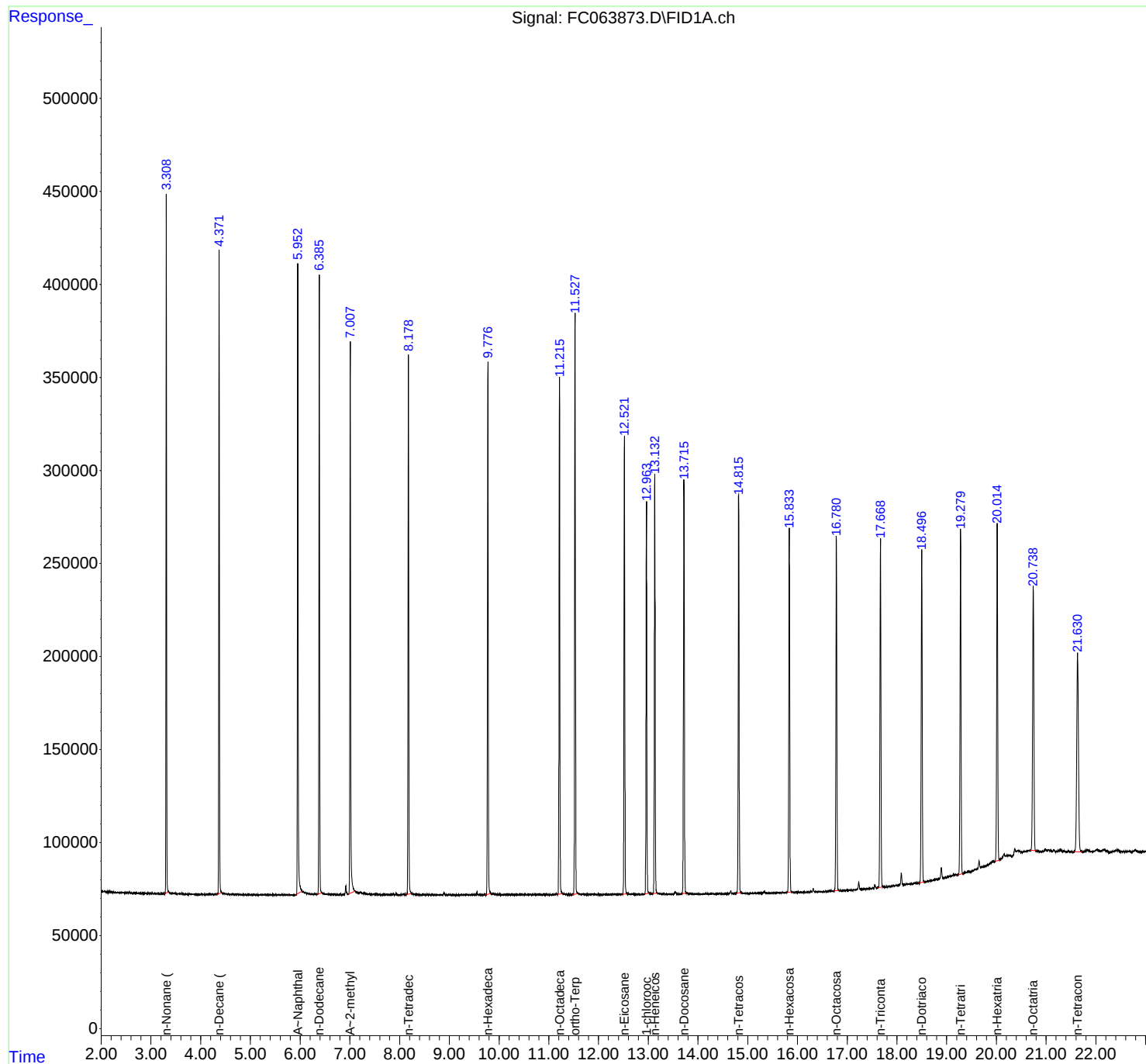
(m)=manual int.

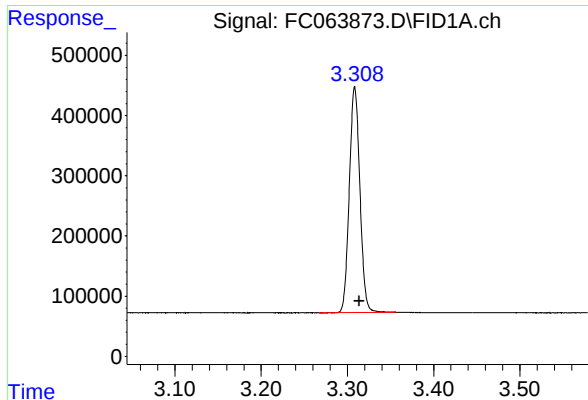
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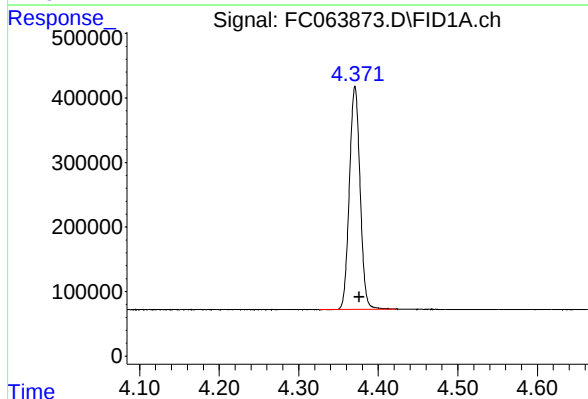




#1 n-Nonane (C9)

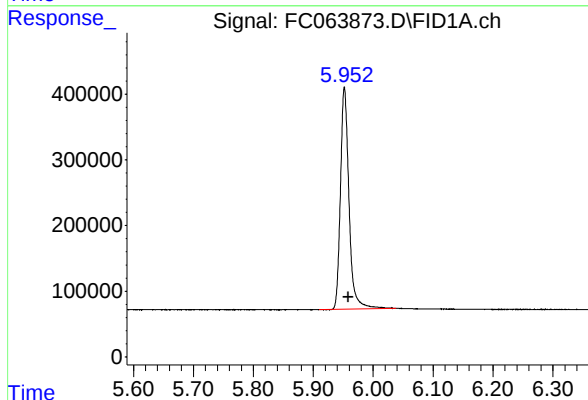
R.T.: 3.309 min
Delta R.T.: -0.005 min
Response: 3192705
Conc: 20.03 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



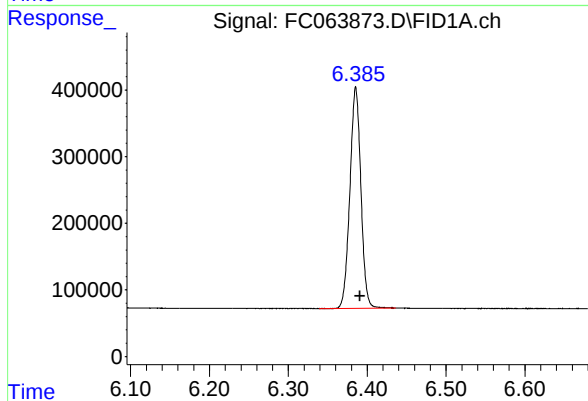
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: -0.006 min
Response: 3231855
Conc: 19.99 ug/ml



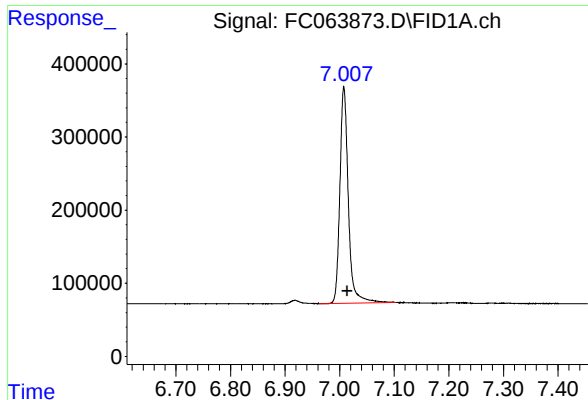
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 3349624
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

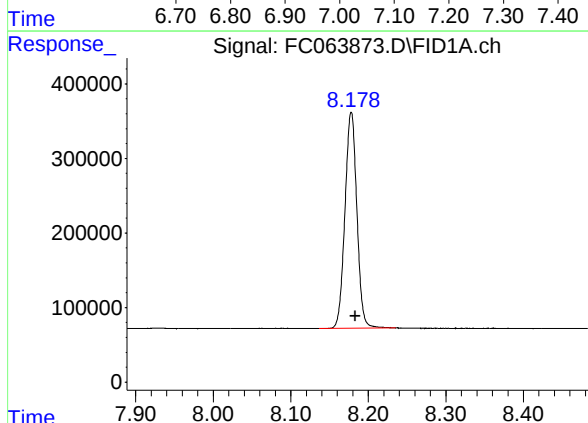
R.T.: 6.386 min
Delta R.T.: -0.005 min
Response: 3210398
Conc: 19.63 ug/ml



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

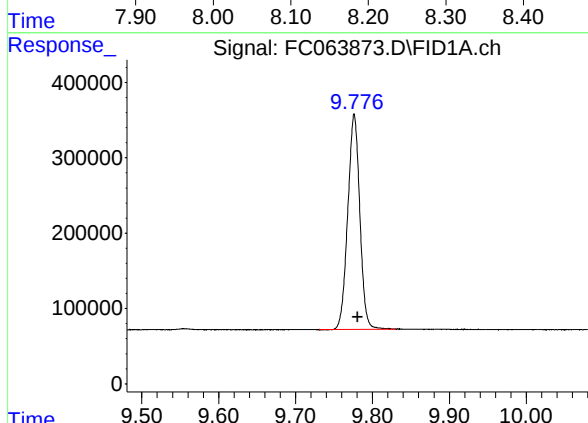
R.T.: 7.008 min
Delta R.T.: -0.006 min
Response: 3177537
Conc: 19.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



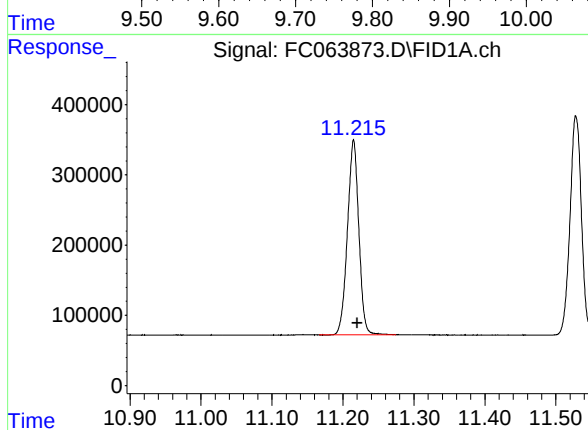
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.005 min
Response: 3094895
Conc: 19.68 ug/ml



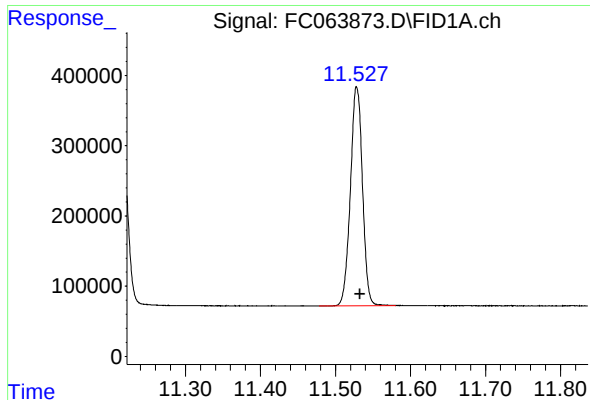
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.004 min
Response: 3108442
Conc: 19.53 ug/ml



#8 n-Octadecane (C18)

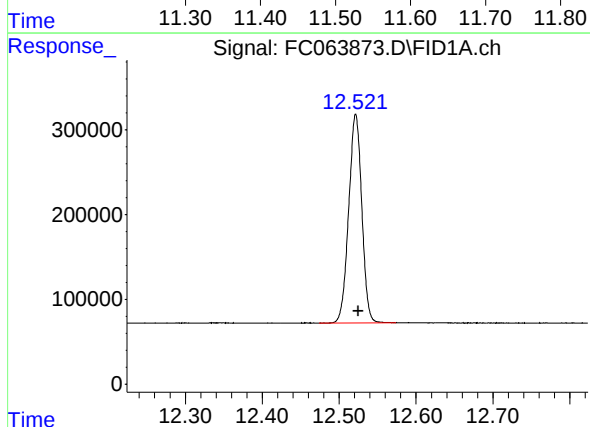
R.T.: 11.215 min
Delta R.T.: -0.005 min
Response: 3088229
Conc: 19.52 ug/ml



#9 ortho-Terphenyl (SURR)

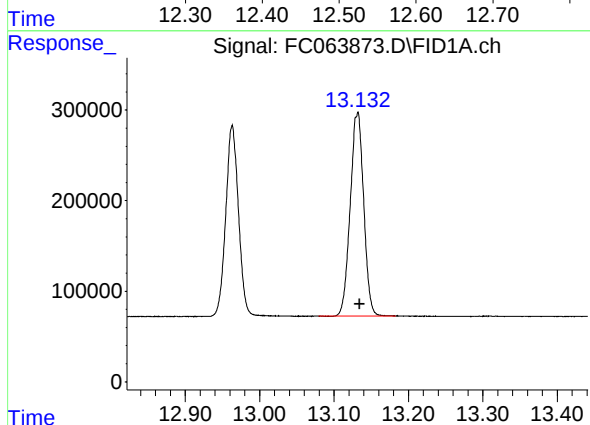
R.T.: 11.528 min
Delta R.T.: -0.004 min
Response: 3479203
Conc: 19.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



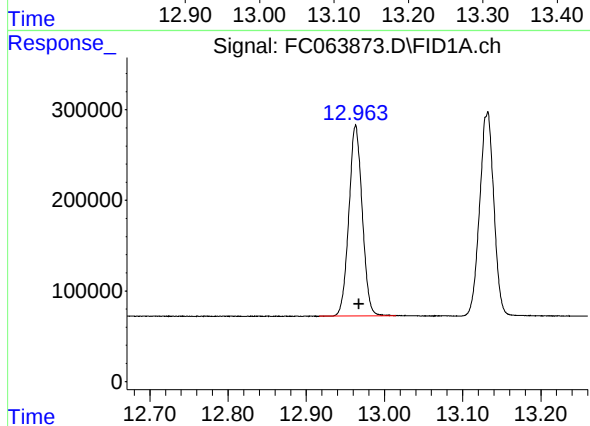
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: -0.004 min
Response: 2909383
Conc: 19.67 ug/ml



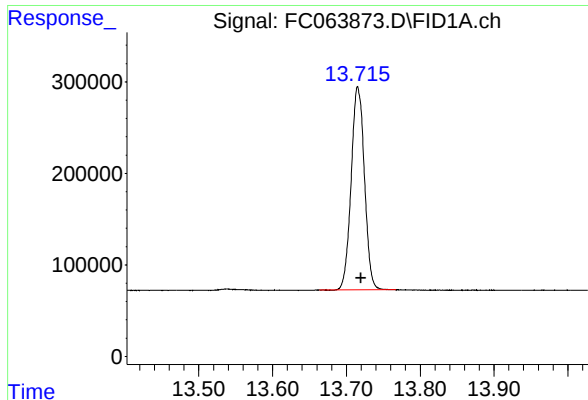
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.003 min
Response: 2825026
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

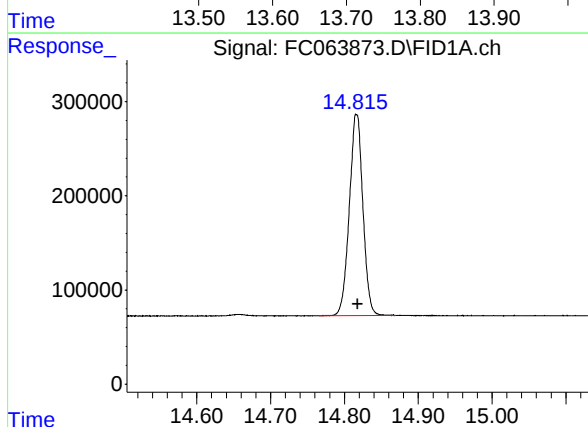
R.T.: 12.963 min
Delta R.T.: -0.005 min
Response: 2495566
Conc: 19.53 ug/ml



#13 n-Docosane (C22)

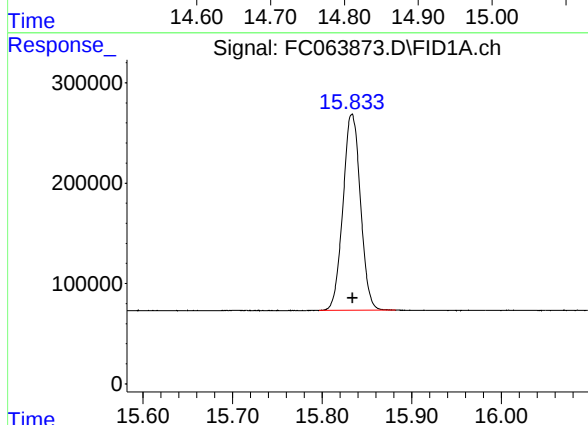
R.T.: 13.715 min
Delta R.T.: -0.004 min
Response: 2776216
Conc: 19.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



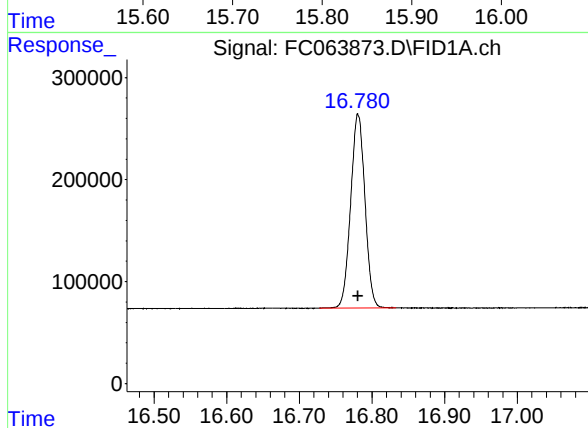
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: -0.001 min
Response: 2728295
Conc: 19.88 ug/ml



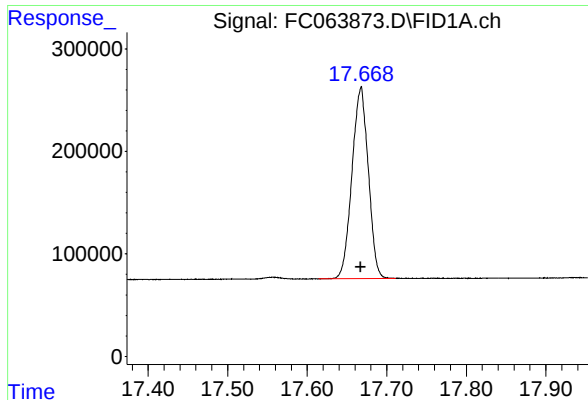
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: 0.000 min
Response: 2655118
Conc: 20.02 ug/ml



#16 n-Octacosane (C28)

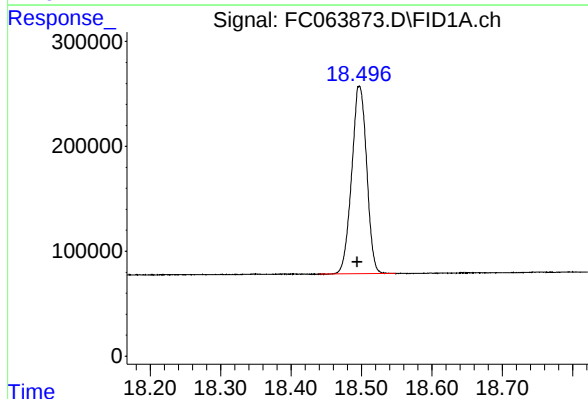
R.T.: 16.781 min
Delta R.T.: 0.000 min
Response: 2596289
Conc: 20.45 ug/ml



#17 n-Tricontane (C30)

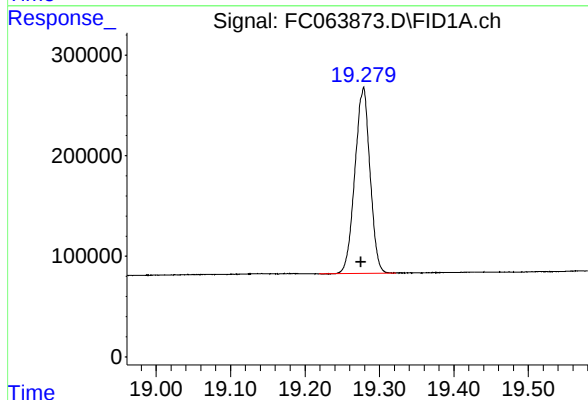
R.T.: 17.668 min
Delta R.T.: 0.000 min
Response: 2660517
Conc: 20.82 ug/ml

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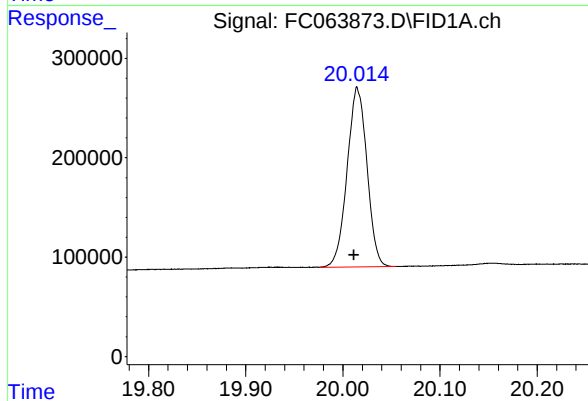
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: 0.003 min
Response: 2646732
Conc: 21.27 ug/ml



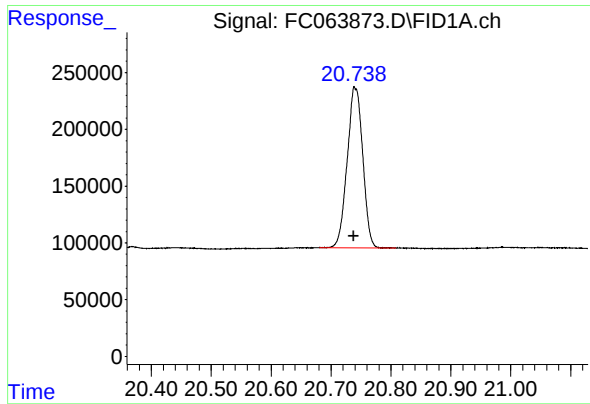
#19 n-Tetatriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.004 min
Response: 2608265
Conc: 21.15 ug/ml



#20 n-Hexatriacontane (C36)

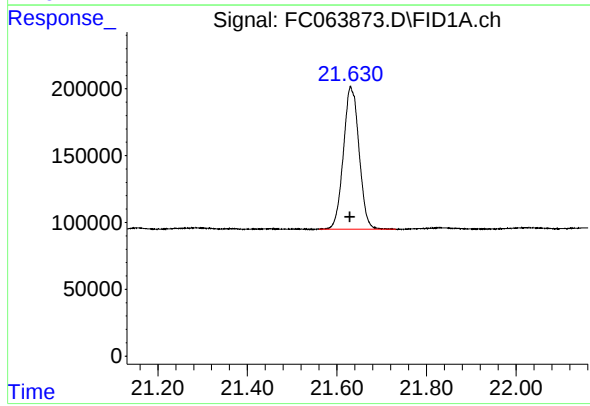
R.T.: 20.015 min
Delta R.T.: 0.003 min
Response: 2553038
Conc: 21.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.740 min
Delta R.T.: 0.002 min
Response: 2554951
Conc: 21.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.630 min
Delta R.T.: 0.001 min
Response: 2585959
Conc: 21.34 ug/ml