

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112025AL\
 Data File : FG016963.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2025 17:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 20 23:51:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 2025
 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)	12.032	3146294	19.922 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
12) S 1-chlorooctadecane (S...	13.478	2385957	19.811 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
Target Compounds			
1) T n-Nonane (C9)	3.357	2533467	20.335 ug/ml
2) T n-Decane (C10)	4.618	2594740	20.268 ug/ml
3) T A~Naphthalene (C11.7)	6.336	2658038	20.315 ug/ml
4) T n-Dodecane (C12)	6.799	2651225	20.334 ug/ml
5) T A~2-methylnaphthalene...	7.439	2468981	20.517 ug/ml
6) T n-Tetradecane (C14)	8.639	2615122	20.470 ug/ml
7) T n-Hexadecane (C16)	10.258	2706372	20.482 ug/ml
8) T n-Octadecane (C18)	11.711	2824089	20.265 ug/ml
10) T n-Eicosane (C20)	13.029	2790204	19.961 ug/ml
11) T n-Heneicosane (C21)	13.646	2761144	19.860 ug/ml
13) T n-Docosane (C22)	14.236	2767203	19.559 ug/ml
14) T n-Tetracosane (C24)	15.346	2742452	18.653 ug/ml
15) T n-Hexacosane (C26)	16.375	2695144	18.371 ug/ml
16) T n-Octacosane (C28)	17.331	2674787	18.170 ug/ml
17) T n-Tricontane (C30)	18.224	2775450	18.342 ug/ml
18) T n-Dotriacontane (C32)	19.062	2726673	18.498 ug/ml
19) T n-Tetratriacontane (C34)	19.849	2423720	18.808 ug/ml
20) T n-Hexatriacontane (C36)	20.594	2003589	19.358 ug/ml
21) T n-Octatriacontane (C38)	21.367	1767292	20.046 ug/ml
22) T n-Tetracontane (C40)	22.349	1597115	20.397 ug/ml

(f)=RT Delta > 1/2 Window

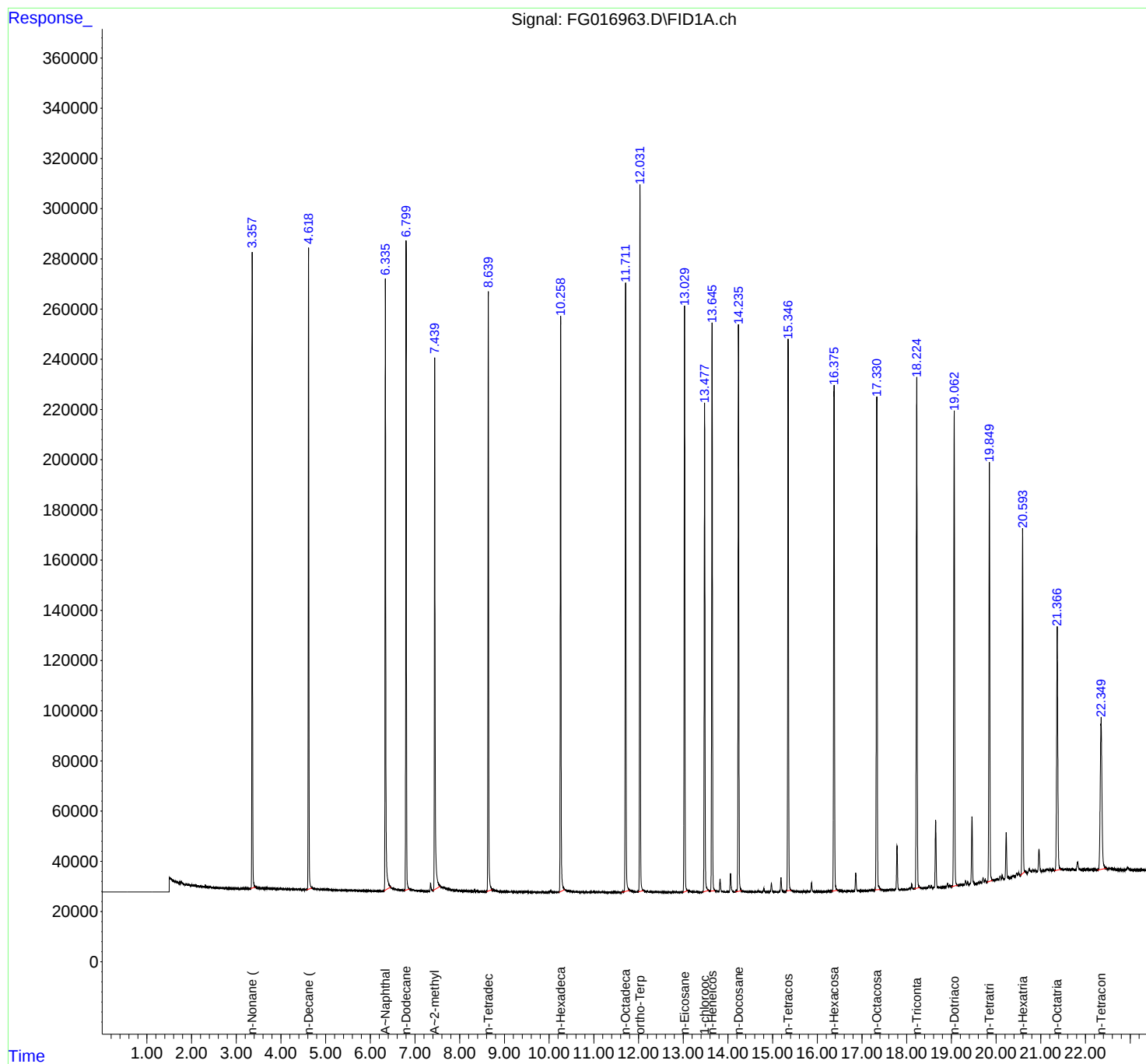
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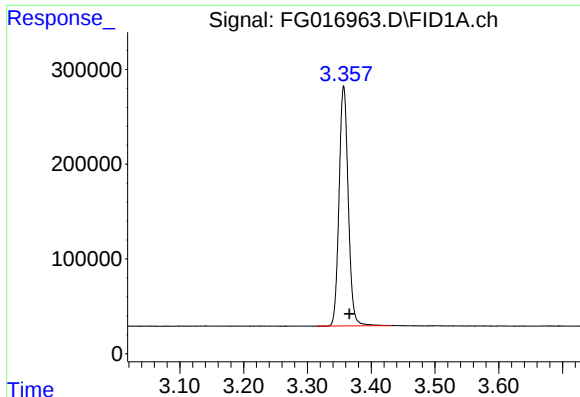
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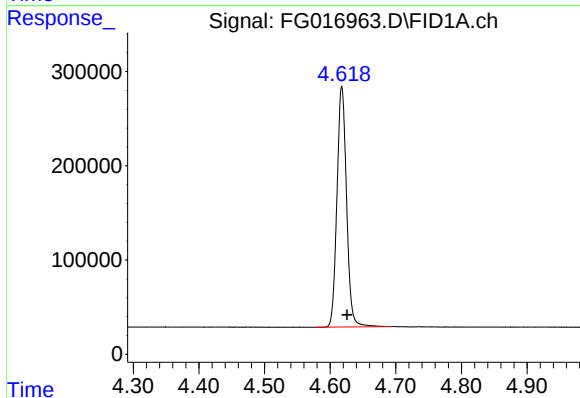




#1 n-Nonane (C9)

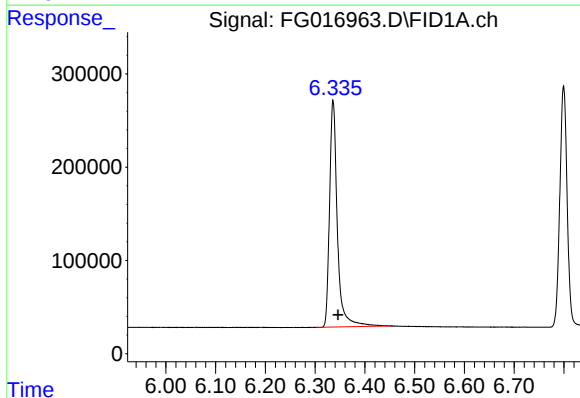
R.T.: 3.357 min
Delta R.T.: -0.009 min
Response: 2533467
Conc: 20.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



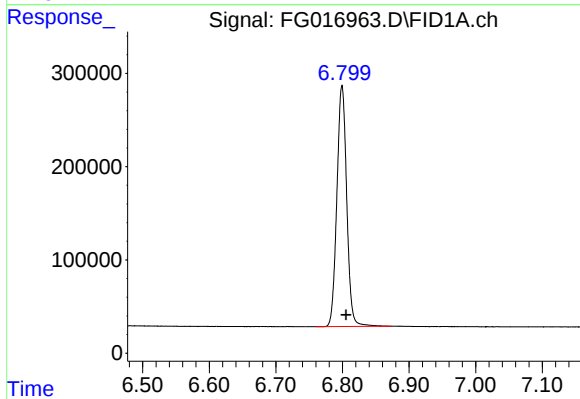
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: -0.008 min
Response: 2594740
Conc: 20.27 ug/ml



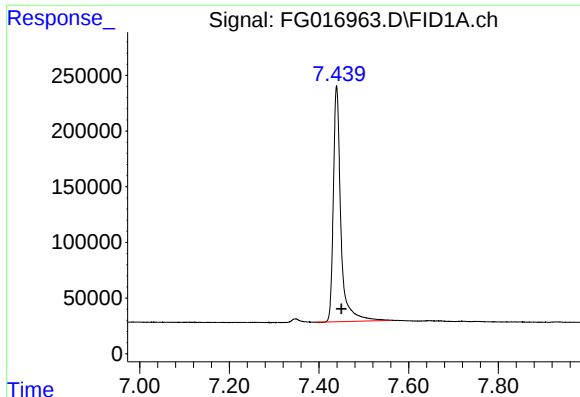
#3 A~Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: -0.010 min
Response: 2658038
Conc: 20.31 ug/ml



#4 n-Dodecane (C12)

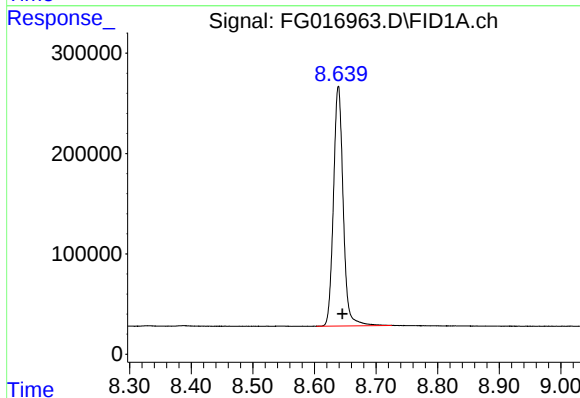
R.T.: 6.799 min
Delta R.T.: -0.006 min
Response: 2651225
Conc: 20.33 ug/ml



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

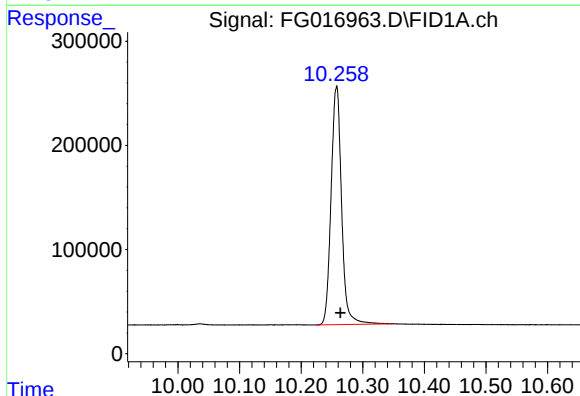
R.T.: 7.439 min
Delta R.T.: -0.010 min
Response: 2468981
Conc: 20.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



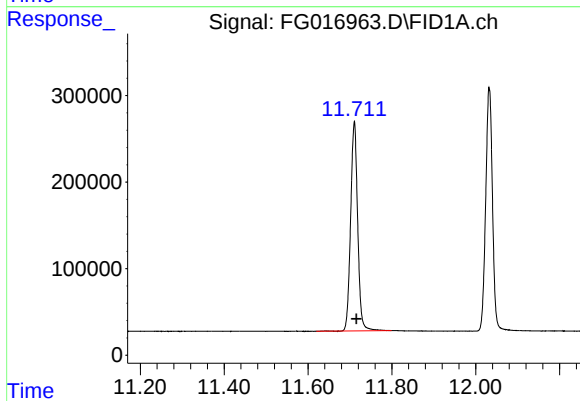
#6 n-Tetradecane (C14)

R.T.: 8.639 min
Delta R.T.: -0.006 min
Response: 2615122
Conc: 20.47 ug/ml



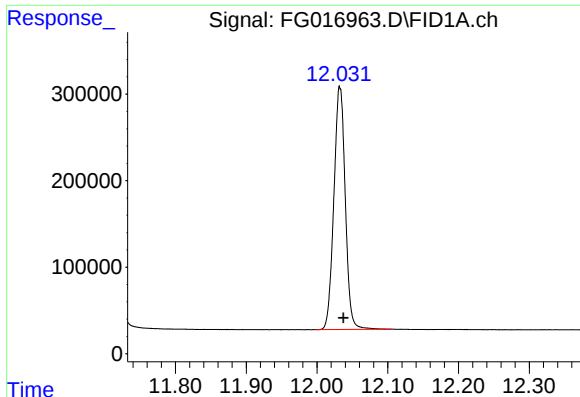
#7 n-Hexadecane (C16)

R.T.: 10.258 min
Delta R.T.: -0.006 min
Response: 2706372
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

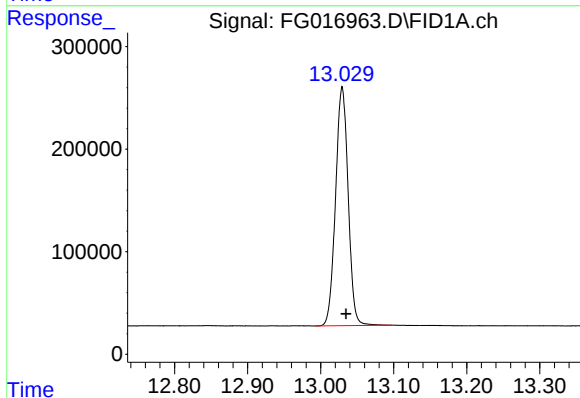
R.T.: 11.711 min
Delta R.T.: -0.005 min
Response: 2824089
Conc: 20.27 ug/ml



#9 ortho-Terphenyl (SURR)

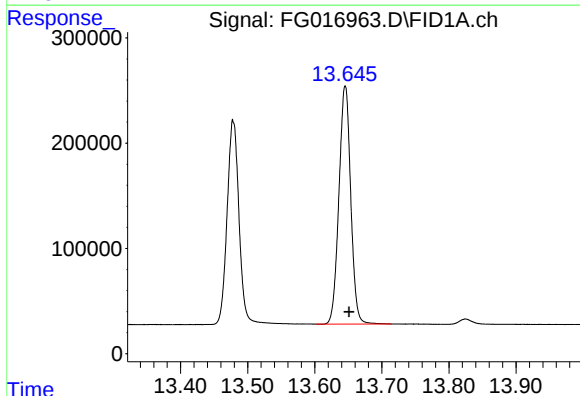
R.T.: 12.032 min
Delta R.T.: -0.005 min
Response: 3146294
Conc: 19.92 ug/ml

Instrument :
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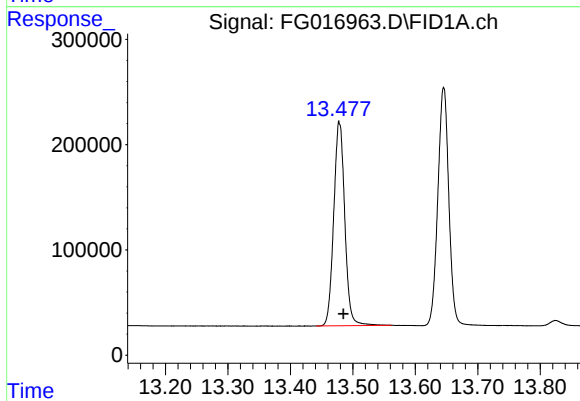
#10 n-Eicosane (C20)

R.T.: 13.029 min
Delta R.T.: -0.005 min
Response: 2790204
Conc: 19.96 ug/ml



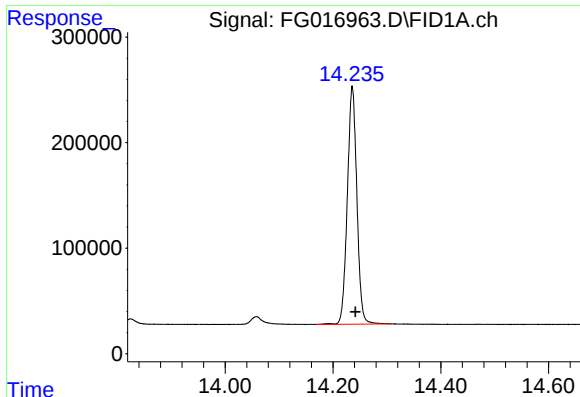
#11 n-Heneicosane (C21)

R.T.: 13.646 min
Delta R.T.: -0.006 min
Response: 2761144
Conc: 19.86 ug/ml



#12 1-chlorooctadecane (SURR)

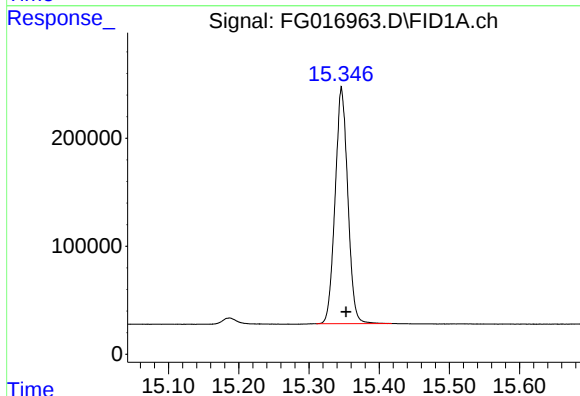
R.T.: 13.478 min
Delta R.T.: -0.007 min
Response: 2385957
Conc: 19.81 ug/ml



#13 n-Docosane (C22)

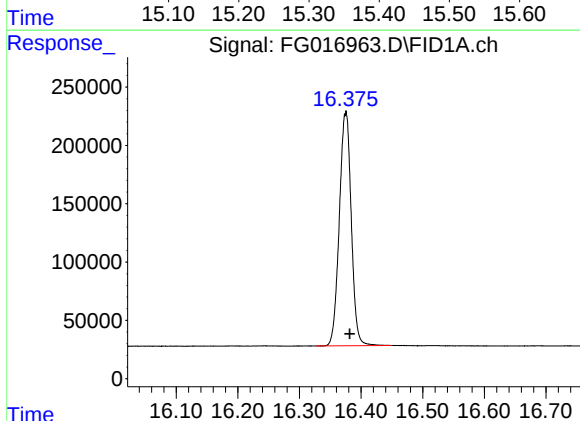
R.T.: 14.236 min
Delta R.T.: -0.006 min
Response: 2767203
Conc: 19.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



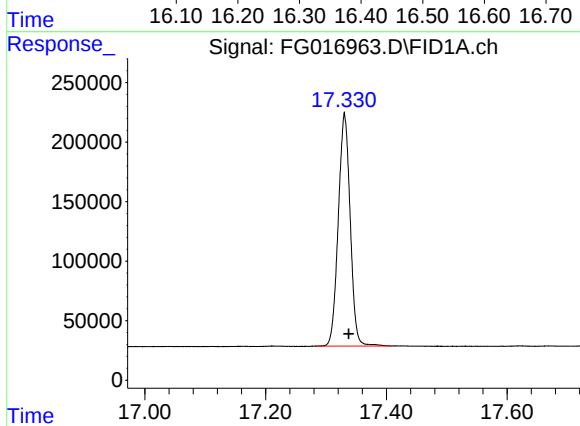
#14 n-Tetracosane (C24)

R.T.: 15.346 min
Delta R.T.: -0.006 min
Response: 2742452
Conc: 18.65 ug/ml



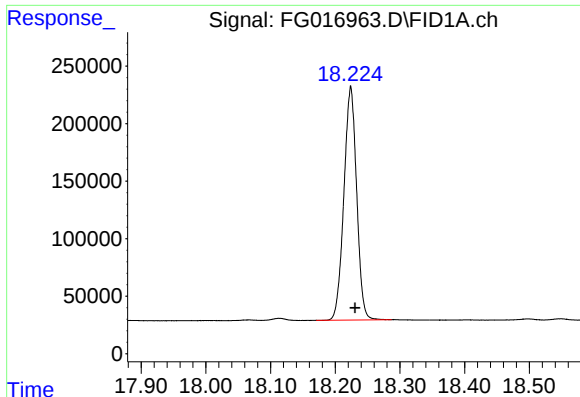
#15 n-Hexacosane (C26)

R.T.: 16.375 min
Delta R.T.: -0.007 min
Response: 2695144
Conc: 18.37 ug/ml



#16 n-Octacosane (C28)

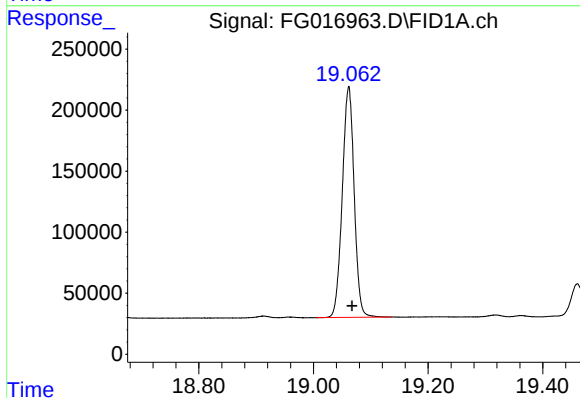
R.T.: 17.331 min
Delta R.T.: -0.007 min
Response: 2674787
Conc: 18.17 ug/ml



#17 n-Tricontane (C30)

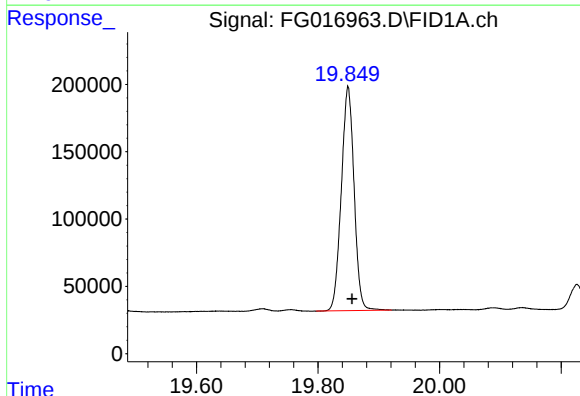
R.T.: 18.224 min
Delta R.T.: -0.007 min
Response: 2775450
Conc: 18.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



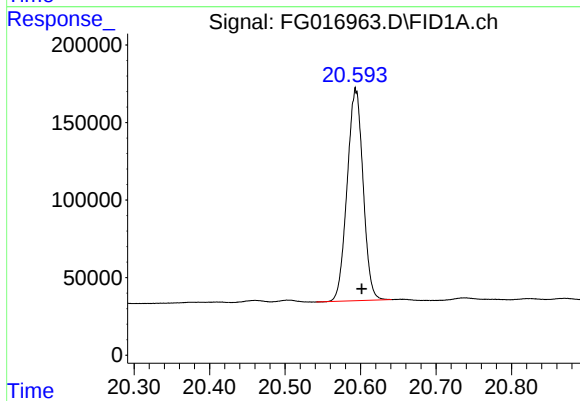
#18 n-Dotriacontane (C32)

R.T.: 19.062 min
Delta R.T.: -0.006 min
Response: 2726673
Conc: 18.50 ug/ml



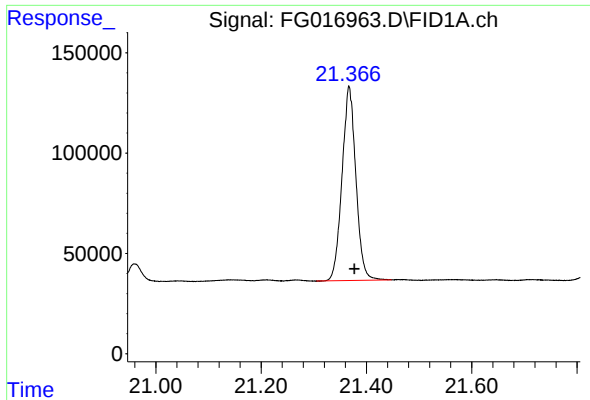
#19 n-Tetratriacontane (C34)

R.T.: 19.849 min
Delta R.T.: -0.006 min
Response: 2423720
Conc: 18.81 ug/ml



#20 n-Hexatriacontane (C36)

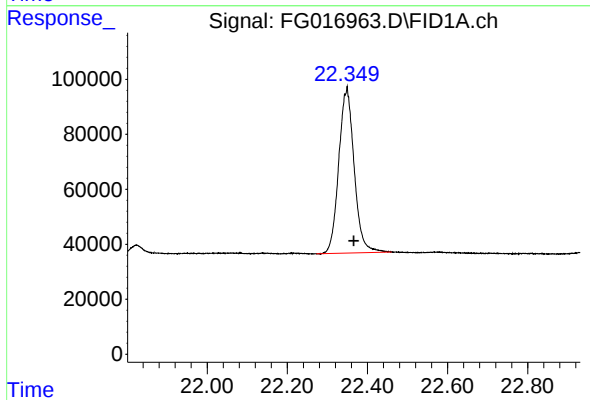
R.T.: 20.594 min
Delta R.T.: -0.008 min
Response: 2003589
Conc: 19.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.367 min
Delta R.T.: -0.010 min
Response: 1767292
Conc: 20.05 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.349 min
Delta R.T.: -0.017 min
Response: 1597115
Conc: 20.40 ug/ml