



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Lab Sample ID: 10 PPM ALIPHATIC HC 9 Acq On: 15 Mar 2023 18:53
Client Sample ID: Operator: YP/AJ
Data file: FC063186.D Misc:
Instrument: FID_C ALS Vial: 9
Dilution Factor: 1 Sample Multiplier: 1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.197	6.481	3616325.000	30.000	ug/ml
Aliphatic C12-C16	6.482	9.877	2341548.000	20.000	ug/ml
Aliphatic C16-C21	9.878	13.238	3562858.000	30.000	ug/ml
Aliphatic C21-C28	13.239	16.892	4647517.000	40.000	ug/ml
Aliphatic C28-C40	16.893	21.750	6858976.000	60.000	ug/ml
Aliphatic EPH	3.197		21027224.000	180.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
 Data File : FC063186.D
 Signal(s) : FID1A.ch
 Acq On : 15 Mar 2023 18:53
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 16 01:27:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:17:47 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)	11.532	1343294	10.549 ug/ml
Spiked Amount 50.000		Recovery =	21.10%
12) S 1-chlorooctadecane (S...	12.970	978187	10.282 ug/ml
Spiked Amount 50.000		Recovery =	20.56%
Target Compounds			
1) T n-Nonane (C9)	3.294	1230015	10.414 ug/ml
2) T n-Decane (C10)	4.361	1192868	10.351 ug/ml
3) T A~Naphthalene (C11.7)	5.947	1277574	9.981 ug/ml
4) T n-Dodecane (C12)	6.382	1193442	10.366 ug/ml
5) T A~2-methylnaphthalene...	7.004	1172667	9.890 ug/ml
6) T n-Tetradecane (C14)	8.177	1164492	10.275 ug/ml
7) T n-Hexadecane (C16)	9.778	1177056	10.280 ug/ml
8) T n-Octadecane (C18)	11.219	1204257	10.404 ug/ml
10) T n-Eicosane (C20)	12.527	1180422	10.496 ug/ml
11) T n-Heneicosane (C21)	13.137	1178179	10.468 ug/ml
13) T n-Docosane (C22)	13.724	1164961	10.473 ug/ml
14) T n-Tetracosane (C24)	14.825	1170095	10.528 ug/ml
15) T n-Hexacosane (C26)	15.845	1155029	10.514 ug/ml
16) T n-Octacosane (C28)	16.793	1157432	10.558 ug/ml
17) T n-Tricontane (C30)	17.679	1176057	10.654 ug/ml
18) T n-Dotriacontane (C32)	18.508	1196266	10.690 ug/ml
19) T n-Tetratriacontane (C34)	19.289	1183877	10.632 ug/ml
20) T n-Hexatriacontane (C36)	20.029	1121273	10.569 ug/ml
21) T n-Octatriacontane (C38)	20.756	1105081	10.495 ug/ml
22) T n-Tetracontane (C40)	21.652	1076422	10.364 ug/ml

(f)=RT Delta > 1/2 Window

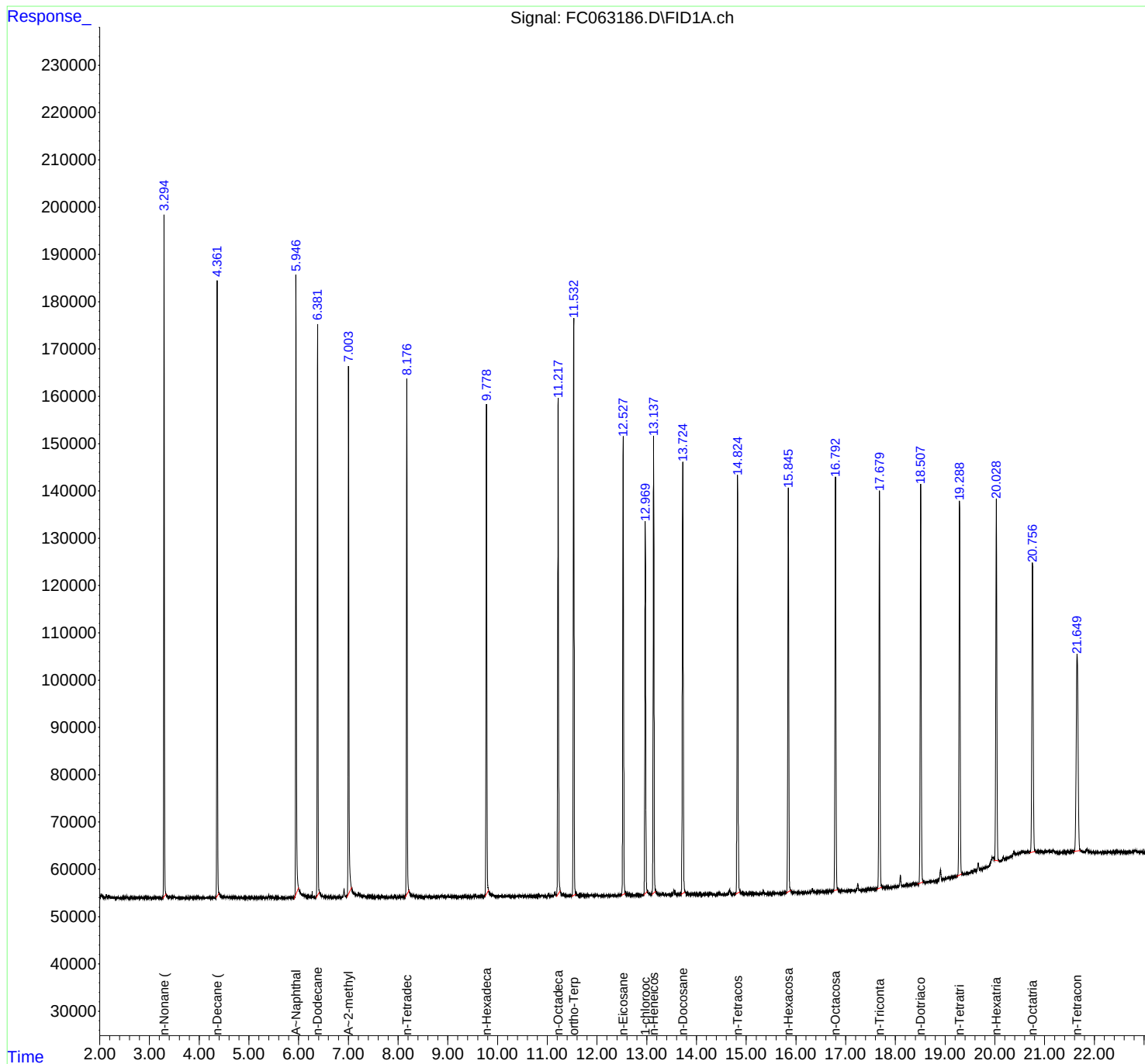
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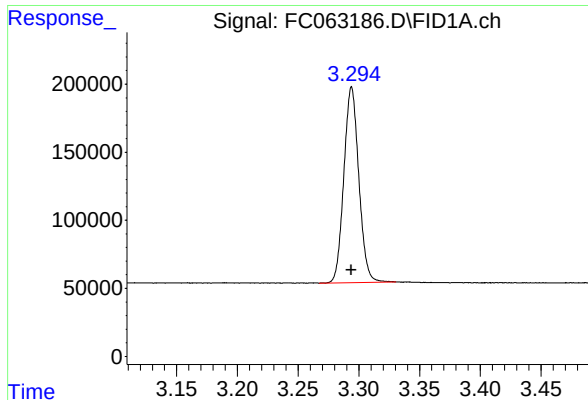
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
Data File : FC063186.D
Signal(s) : FID1A.ch
Acq On : 15 Mar 2023 18:53
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Mar 16 01:27:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
Quant Title : GC Extractables
QLast Update : Thu Mar 16 01:17:47 2023
Response via : Initial Calibration
Integrator: ChemStation

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

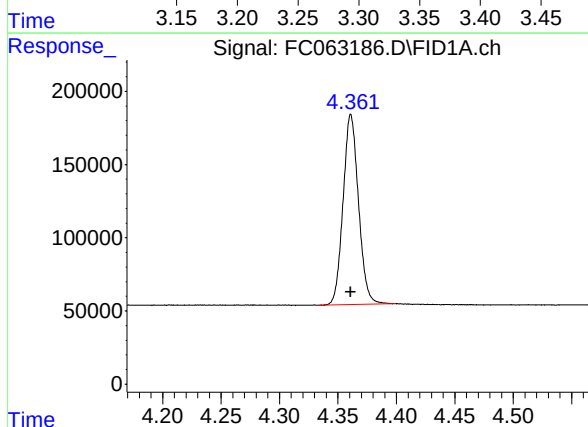




#1 n-Nonane (C9)

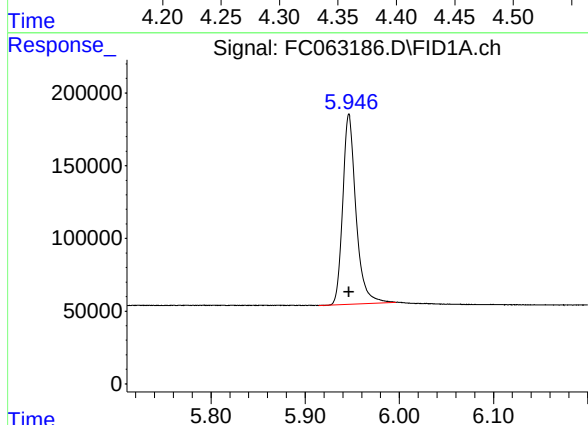
R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 1230015
Conc: 10.41 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



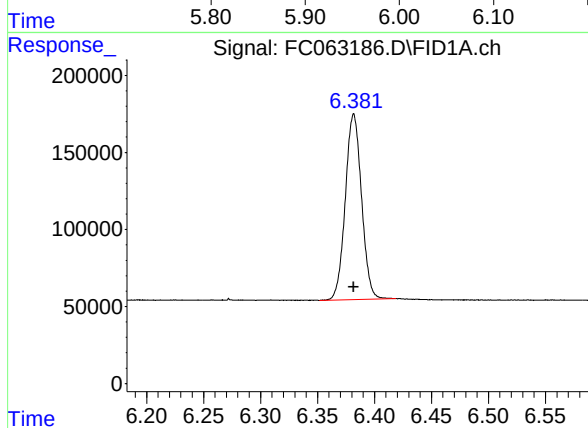
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 1192868
Conc: 10.35 ug/ml



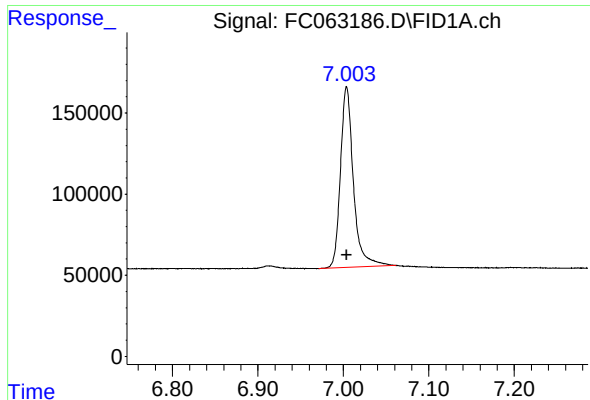
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 1277574
Conc: 9.98 ug/ml



#4 n-Dodecane (C12)

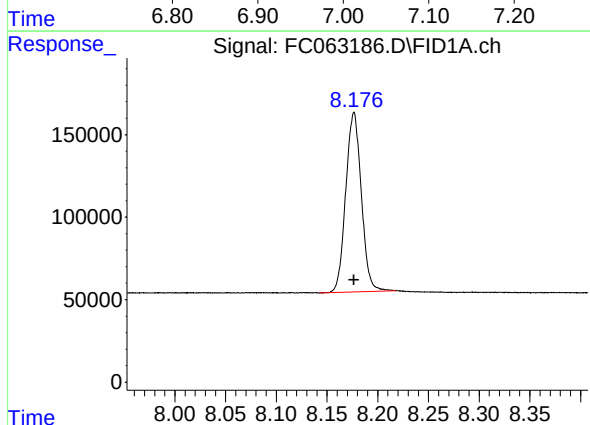
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 1193442
Conc: 10.37 ug/ml



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

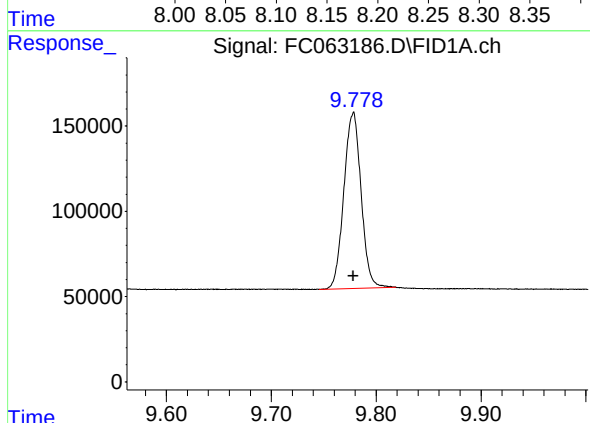
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 1172667
Conc: 9.89 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



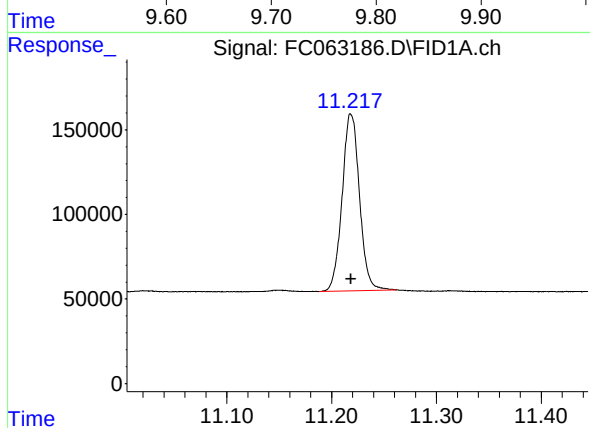
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 1164492
Conc: 10.27 ug/ml



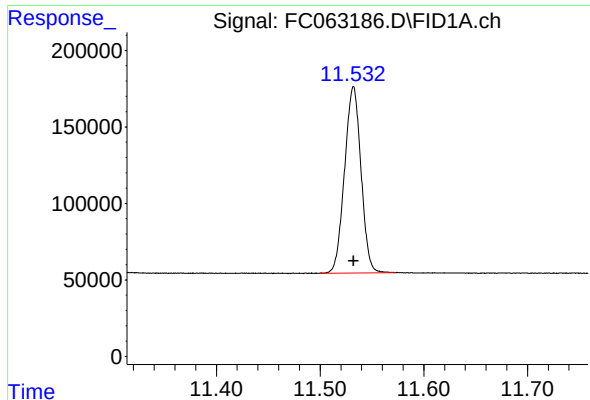
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.000 min
Response: 1177056
Conc: 10.28 ug/ml



#8 n-Octadecane (C18)

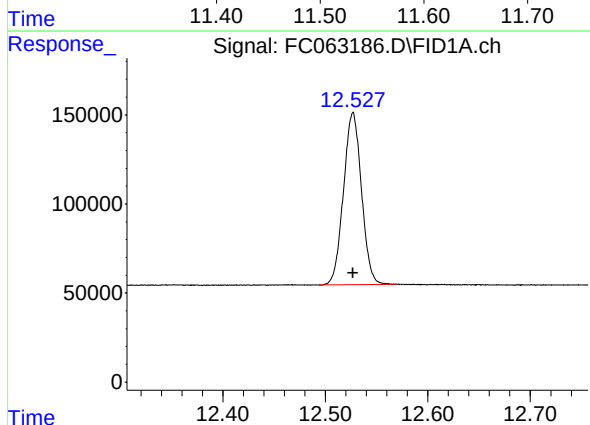
R.T.: 11.219 min
Delta R.T.: 0.000 min
Response: 1204257
Conc: 10.40 ug/ml



#9 ortho-Terphenyl (SURR)

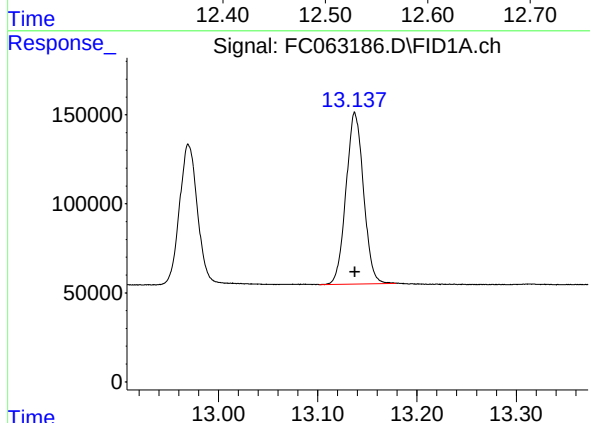
R.T.: 11.532 min
Delta R.T.: 0.000 min
Response: 1343294
Conc: 10.55 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



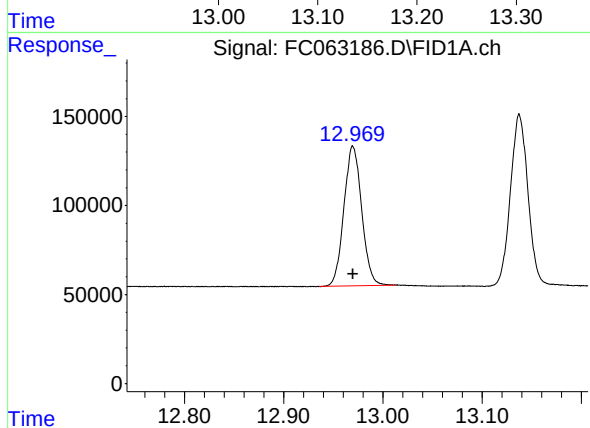
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.000 min
Response: 1180422
Conc: 10.50 ug/ml



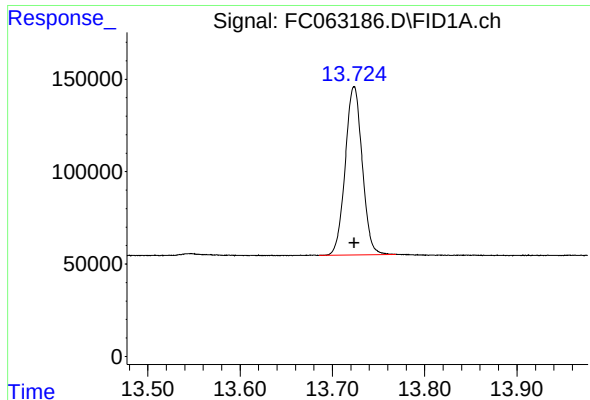
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.000 min
Response: 1178179
Conc: 10.47 ug/ml



#12 1-chlorooctadecane (SURR)

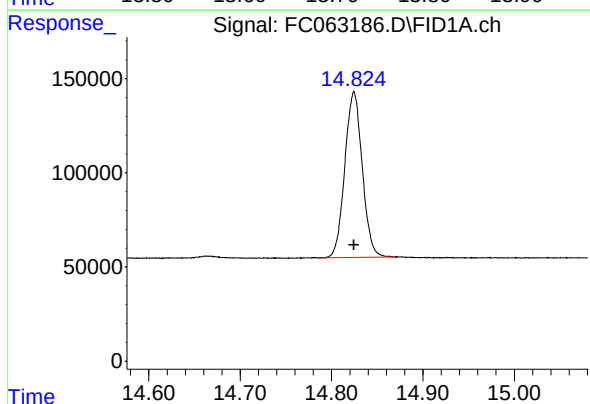
R.T.: 12.970 min
Delta R.T.: 0.000 min
Response: 978187
Conc: 10.28 ug/ml



#13 n-Docosane (C22)

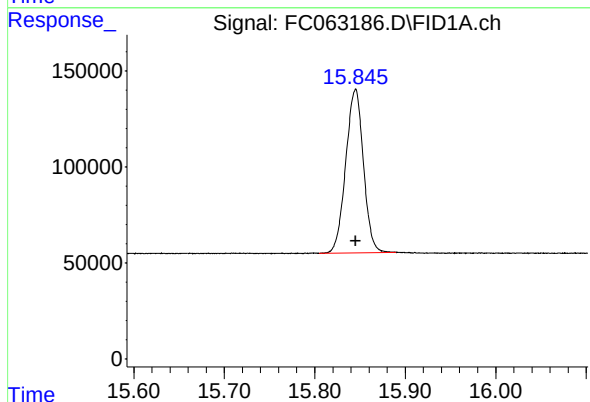
R.T.: 13.724 min
Delta R.T.: 0.000 min
Response: 1164961
Conc: 10.47 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



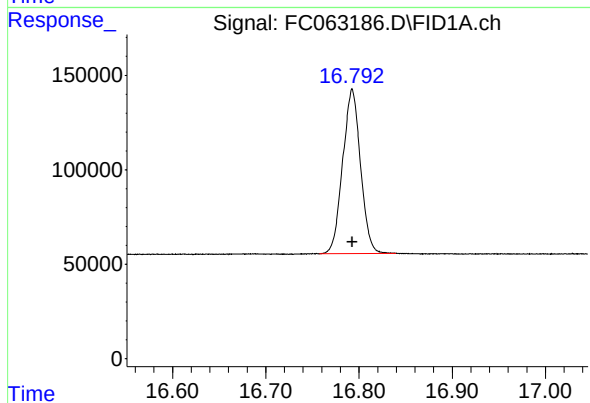
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: 0.000 min
Response: 1170095
Conc: 10.53 ug/ml



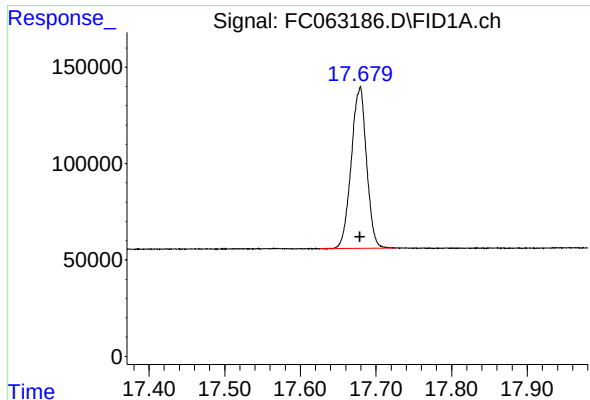
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: 0.000 min
Response: 1155029
Conc: 10.51 ug/ml



#16 n-Octacosane (C28)

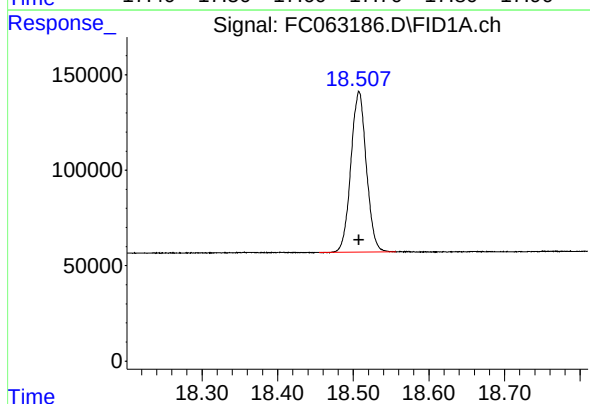
R.T.: 16.793 min
Delta R.T.: 0.000 min
Response: 1157432
Conc: 10.56 ug/ml



#17 n-Tricontane (C30)

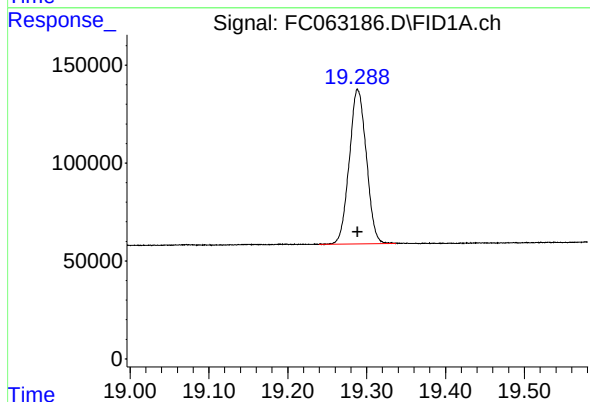
R.T.: 17.679 min
Delta R.T.: 0.000 min
Response: 1176057
Conc: 10.65 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



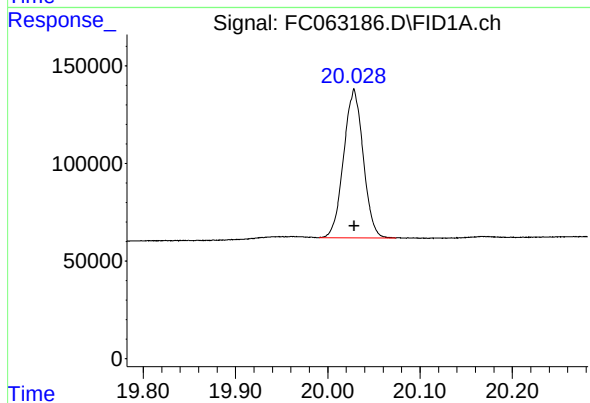
#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: 0.000 min
Response: 1196266
Conc: 10.69 ug/ml



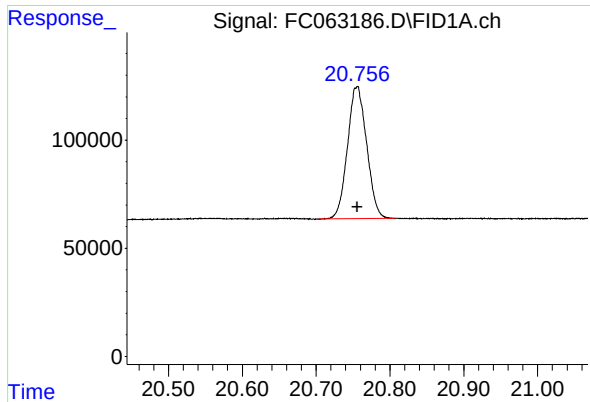
#19 n-Tetratriacontane (C34)

R.T.: 19.289 min
Delta R.T.: 0.000 min
Response: 1183877
Conc: 10.63 ug/ml



#20 n-Hexatriacontane (C36)

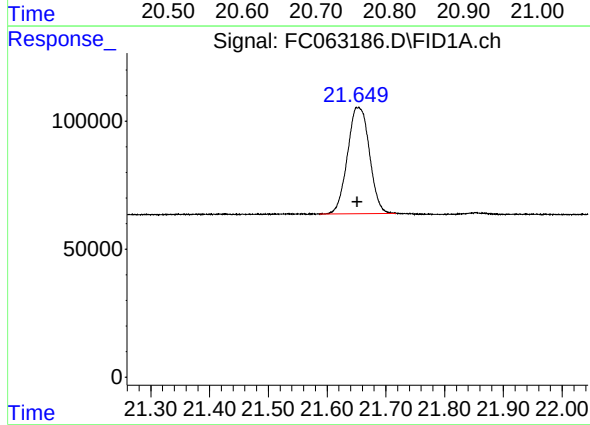
R.T.: 20.029 min
Delta R.T.: 0.000 min
Response: 1121273
Conc: 10.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: 0.000 min
Response: 1105081
Conc: 10.49 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.652 min
Delta R.T.: 0.000 min
Response: 1076422
Conc: 10.36 ug/ml