



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

Lab Sample ID:	10 PPM ALIPHATIC HC 9	Acq On:	05 May 2023 16:28
Client Sample ID:		Operator:	YP/AJ
Data file:	FC063566.D	Misc:	
Instrument:	FID_C	ALS Vial:	9
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.200	6.480	4970666.000	30.000	ug/ml
Aliphatic C12-C16	6.481	9.871	3246555.000	20.000	ug/ml
Aliphatic C16-C21	9.872	13.228	4708296.000	30.000	ug/ml
Aliphatic C21-C28	13.229	16.879	5746542.000	40.000	ug/ml
Aliphatic C28-C40	16.880	21.727	8137549.000	60.000	ug/ml
Aliphatic EPH	3.200		26809608.000	180.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050523AL\
 Data File : FC063566.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2023 16:28
 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: May 05 18:12:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:11:58 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)	11.524	1933502	10.181 ug/ml
Spiked Amount 50.000		Recovery =	20.36%
12) S 1-chlorooctadecane (S...	12.963	1346769	10.152 ug/ml
Spiked Amount 50.000		Recovery =	20.30%
Target Compounds			
1) T n-Nonane (C9)	3.301	1645665	9.979 ug/ml
2) T n-Decane (C10)	4.364	1654900	9.899 ug/ml
3) T A~Naphthalene (C11.7)	5.946	1711363	9.662 ug/ml
4) T n-Dodecane (C12)	6.380	1670101	9.930 ug/ml
5) T A~2-methylnaphthalene...	7.003	1622779	9.496 ug/ml
6) T n-Tetradecane (C14)	8.173	1610662	9.839 ug/ml
7) T n-Hexadecane (C16)	9.771	1635893	9.861 ug/ml
8) T n-Octadecane (C18)	11.211	1634869	9.954 ug/ml
10) T n-Eicosane (C20)	12.519	1561889	10.166 ug/ml
11) T n-Heneicosane (C21)	13.128	1511538	10.207 ug/ml
13) T n-Docosane (C22)	13.714	1489709	10.231 ug/ml
14) T n-Tetracosane (C24)	14.814	1460069	10.310 ug/ml
15) T n-Hexacosane (C26)	15.832	1417591	10.312 ug/ml
16) T n-Octacosane (C28)	16.781	1379173	10.406 ug/ml
17) T n-Tricontane (C30)	17.664	1418824	10.612 ug/ml
18) T n-Dotriacontane (C32)	18.494	1441549	10.925 ug/ml
19) T n-Tetratriacontane (C34)	19.275	1391426	10.805 ug/ml
20) T n-Hexatriacontane (C36)	20.011	1306577	10.655 ug/ml
21) T n-Octatriacontane (C38)	20.735	1321118	10.678 ug/ml
22) T n-Tetracontane (C40)	21.626	1258055	10.156 ug/ml

(f)=RT Delta > 1/2 Window

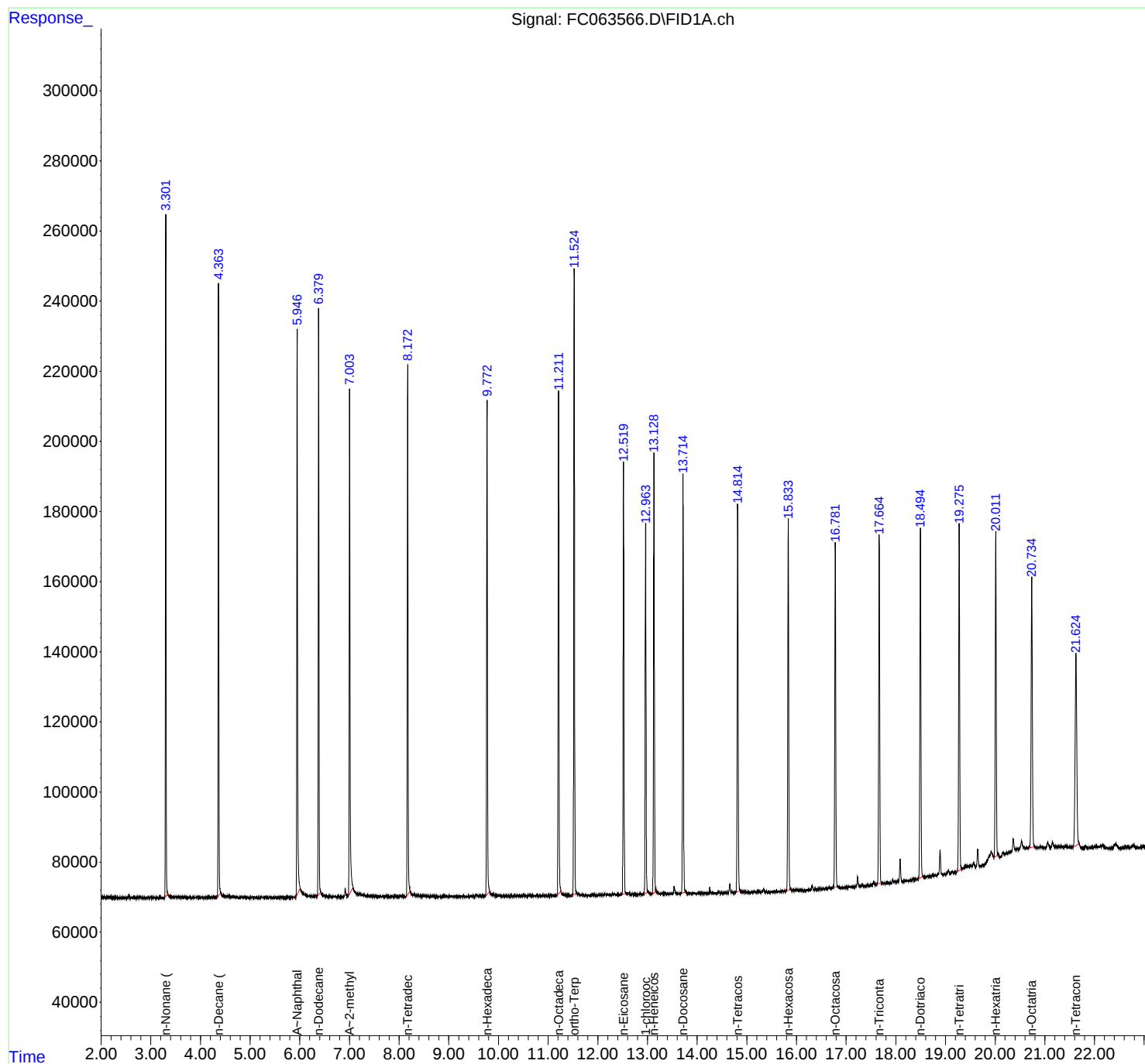
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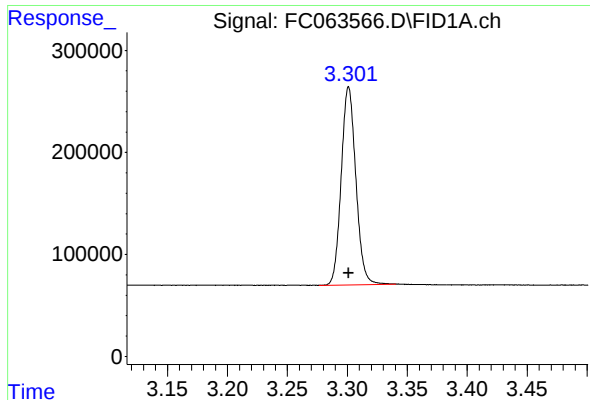
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050523AL\
Data File : FC063566.D
Signal(s) : FID1A.ch
Acq On : 05 May 2023 16:28
Operator : YP/AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: May 05 18:12:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
Quant Title : GC Extractables
QLast Update : Fri May 05 18:11:58 2023
Response via : Initial Calibration
Integrator: ChemStation

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

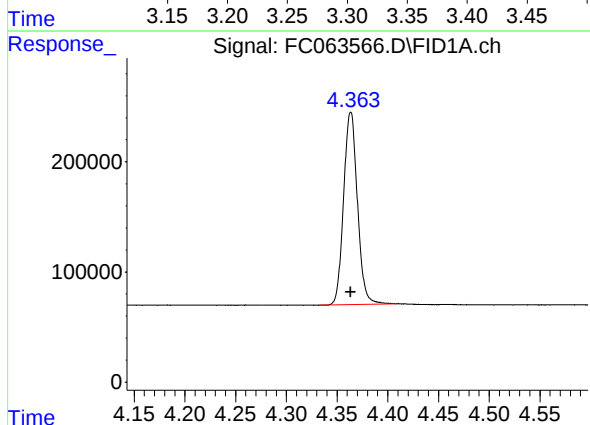




#1 n-Nonane (C9)

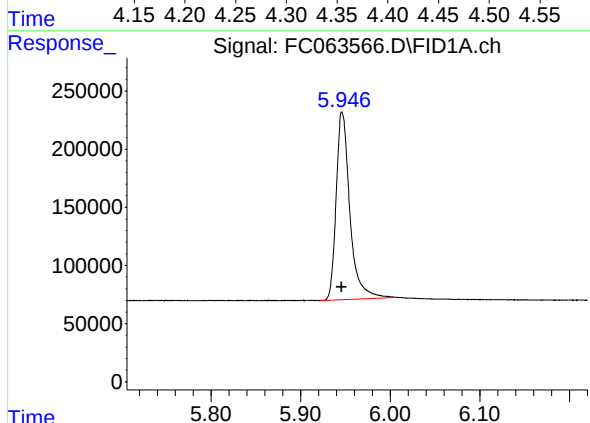
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 1645665
Conc: 9.98 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



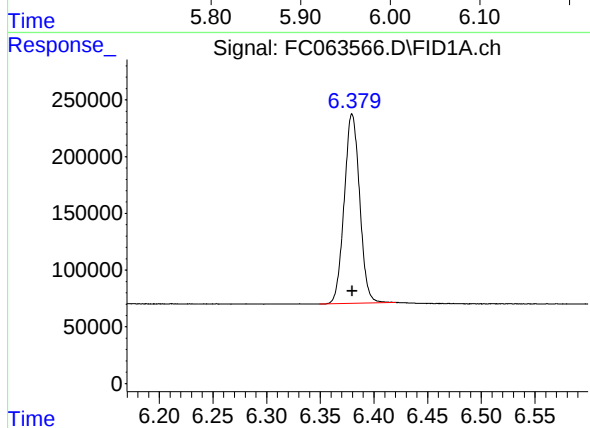
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1654900
Conc: 9.90 ug/ml



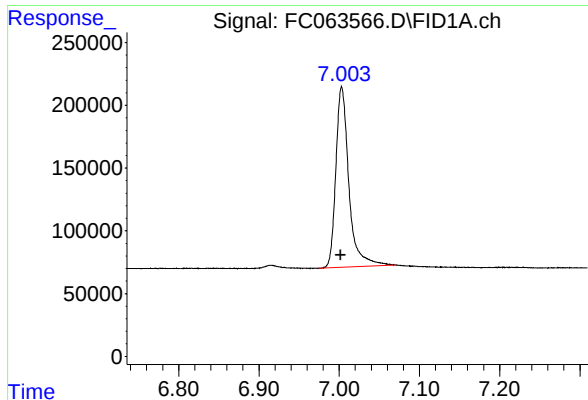
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 1711363
Conc: 9.66 ug/ml



#4 n-Dodecane (C12)

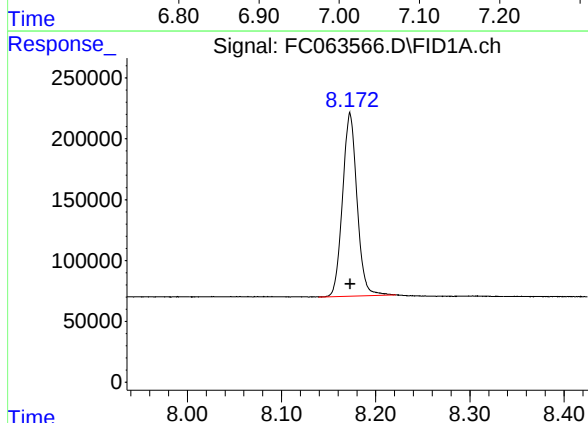
R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 1670101
Conc: 9.93 ug/ml



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

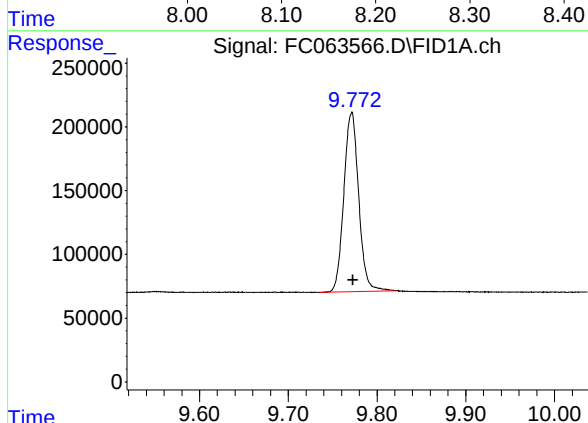
R.T.: 7.003 min
Delta R.T.: 0.001 min
Response: 1622779
Conc: 9.50 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



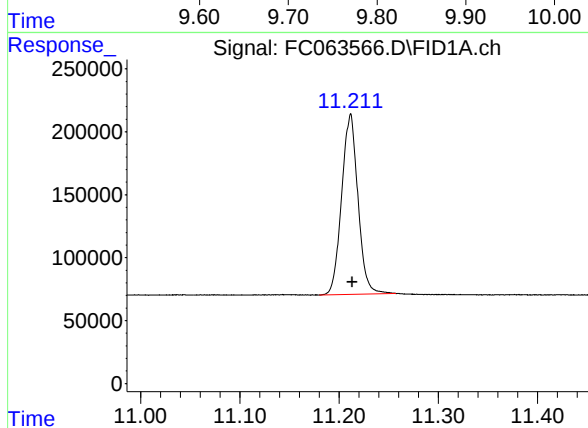
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 1610662
Conc: 9.84 ug/ml



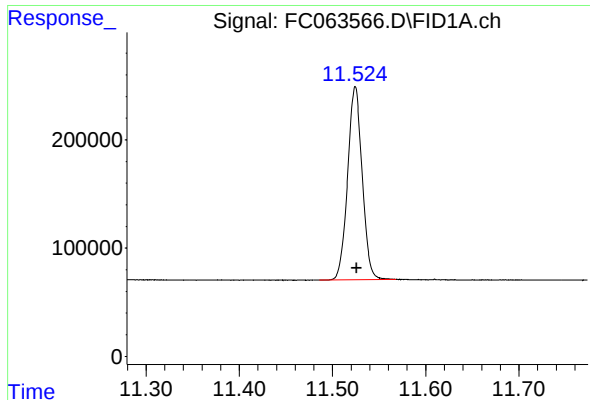
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.001 min
Response: 1635893
Conc: 9.86 ug/ml



#8 n-Octadecane (C18)

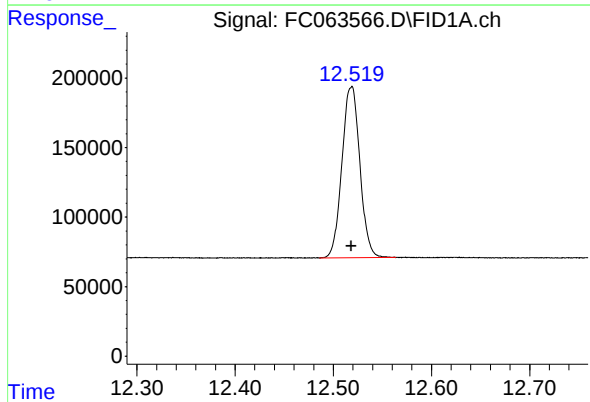
R.T.: 11.211 min
Delta R.T.: -0.002 min
Response: 1634869
Conc: 9.95 ug/ml



#9 ortho-Terphenyl (SURR)

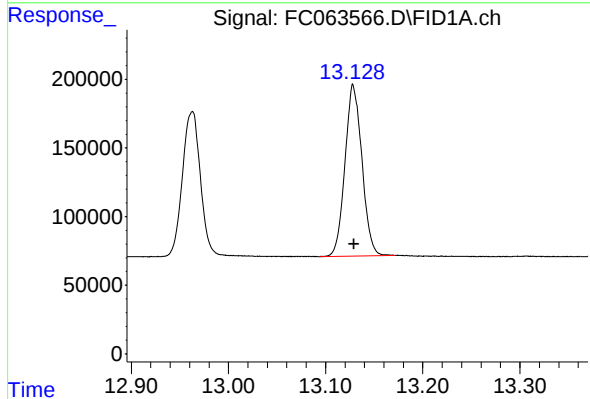
R.T.: 11.524 min
Delta R.T.: -0.001 min
Response: 1933502
Conc: 10.18 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



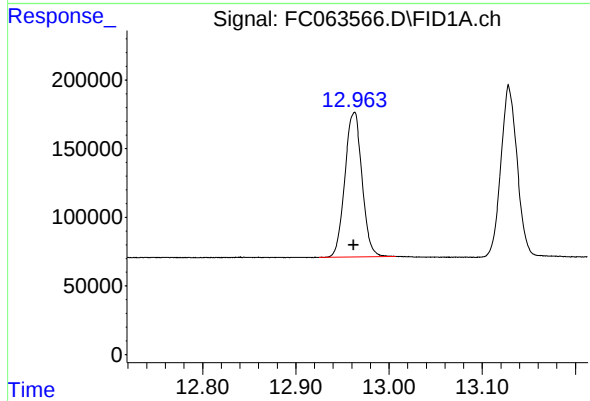
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: 0.000 min
Response: 1561889
Conc: 10.17 ug/ml



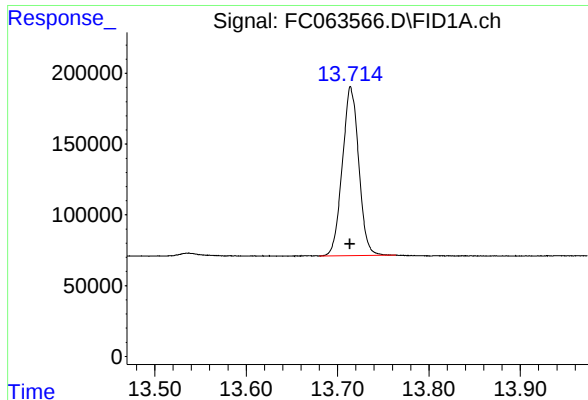
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: 0.000 min
Response: 1511538
Conc: 10.21 ug/ml



#12 1-chlorooctadecane (SURR)

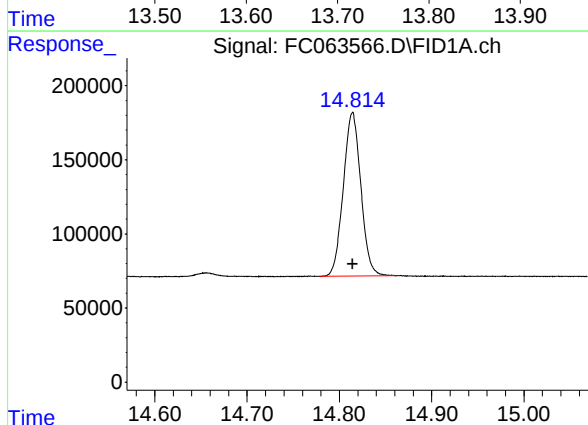
R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 1346769
Conc: 10.15 ug/ml



#13 n-Docosane (C22)

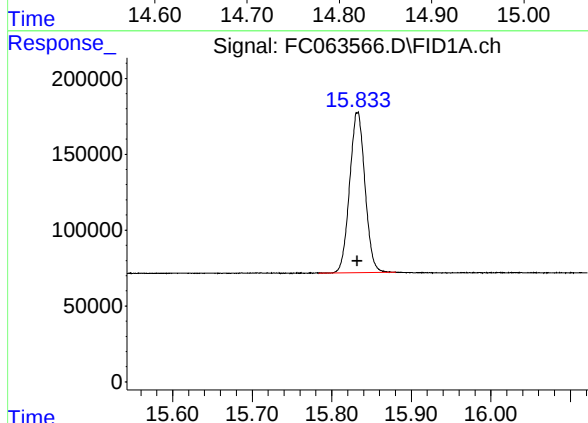
R.T.: 13.714 min
Delta R.T.: 0.000 min
Response: 1489709
Conc: 10.23 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



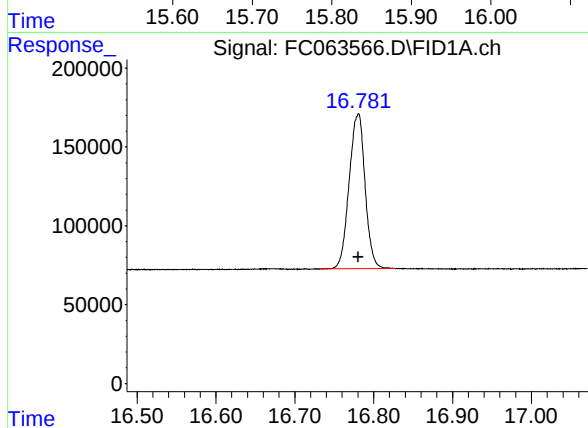
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: 0.000 min
Response: 1460069
Conc: 10.31 ug/ml



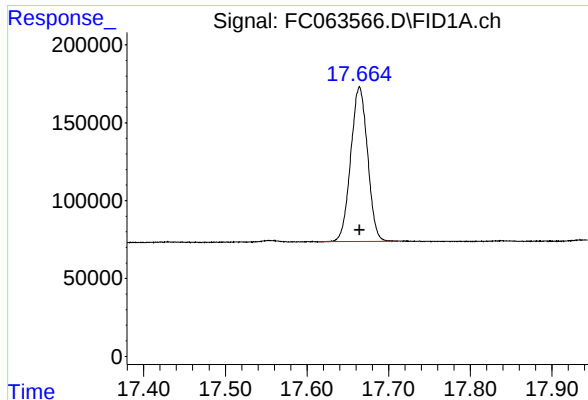
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: 0.000 min
Response: 1417591
Conc: 10.31 ug/ml



#16 n-Octacosane (C28)

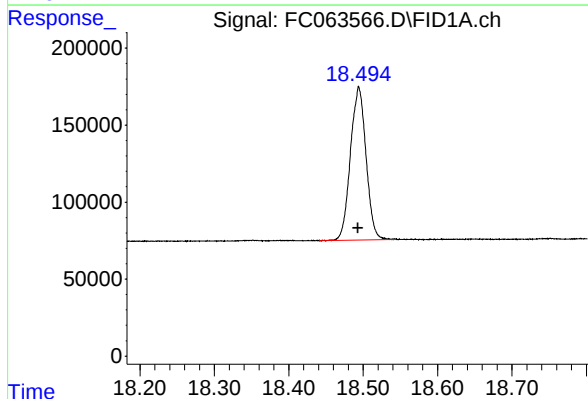
R.T.: 16.781 min
Delta R.T.: 0.000 min
Response: 1379173
Conc: 10.41 ug/ml



#17 n-Tricontane (C30)

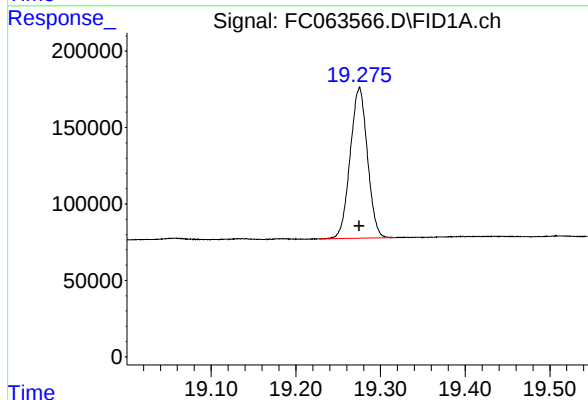
R.T.: 17.664 min
Delta R.T.: 0.000 min
Response: 1418824
Conc: 10.61 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



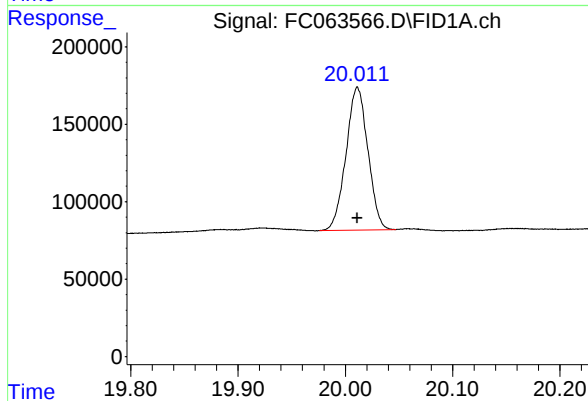
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: 0.000 min
Response: 1441549
Conc: 10.92 ug/ml



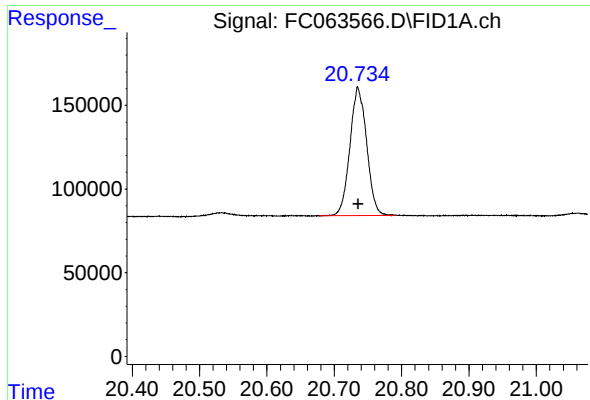
#19 n-Tetatriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 1391426
Conc: 10.80 ug/ml



#20 n-Hexatriacontane (C36)

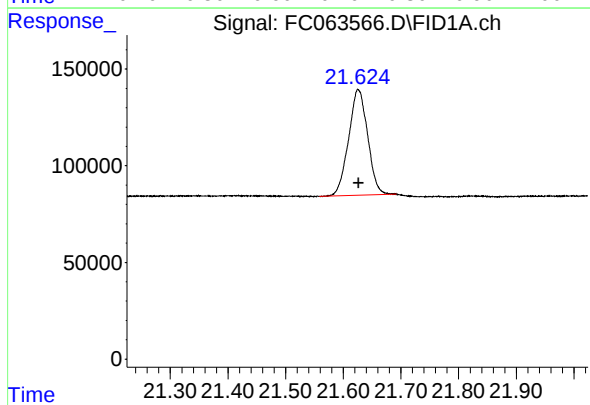
R.T.: 20.011 min
Delta R.T.: 0.000 min
Response: 1306577
Conc: 10.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: 0.000 min
Response: 1321118
Conc: 10.68 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.626 min
Delta R.T.: 0.000 min
Response: 1258055
Conc: 10.16 ug/ml