



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

Lab Sample ID: 20 PPM ALIPHATIC HC 9 Acq On: 05 May 2023 15:10
Client Sample ID: Operator: YP/AJ
Data file: FC063565.D Misc:
Instrument: FID_C ALS Vial: 8
Dilution Factor: 1 Sample Multiplier: 1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.200	6.480	10005332.000	60.000	ug/ml
Aliphatic C12-C16	6.481	9.871	6591675.000	40.000	ug/ml
Aliphatic C16-C21	9.872	13.228	9319387.000	60.000	ug/ml
Aliphatic C21-C28	13.229	16.879	11144504.000	80.000	ug/ml
Aliphatic C28-C40	16.880	21.727	15293222.000	120.000	ug/ml
Aliphatic EPH	3.200		52354120.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050523AL\
 Data File : FC063565.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2023 15:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 05 18:12:46 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)	11.526	3798283	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.962	2653240	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.301	3298113	20.000 ug/ml
2) T n-Decane (C10)	4.364	3343445	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3542632	20.000 ug/ml
4) T n-Dodecane (C12)	6.380	3363774	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.002	3417793	20.000 ug/ml
6) T n-Tetradecane (C14)	8.173	3273906	20.000 ug/ml
7) T n-Hexadecane (C16)	9.773	3317769	20.000 ug/ml
8) T n-Octadecane (C18)	11.213	3284828	20.000 ug/ml
10) T n-Eicosane (C20)	12.518	3072847	20.000 ug/ml
11) T n-Heneicosane (C21)	13.129	2961712	20.000 ug/ml
13) T n-Docosane (C22)	13.714	2912131	20.000 ug/ml
14) T n-Tetracosane (C24)	14.814	2832325	20.000 ug/ml
15) T n-Hexacosane (C26)	15.832	2749422	20.000 ug/ml
16) T n-Octacosane (C28)	16.781	2650626	20.000 ug/ml
17) T n-Tricontane (C30)	17.664	2674092	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.493	2639048	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.275	2575529	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.011	2452488	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.736	2474520	20.000 ug/ml
22) T n-Tetracontane (C40)	21.627	2477545	20.000 ug/ml

(f)=RT Delta > 1/2 Window

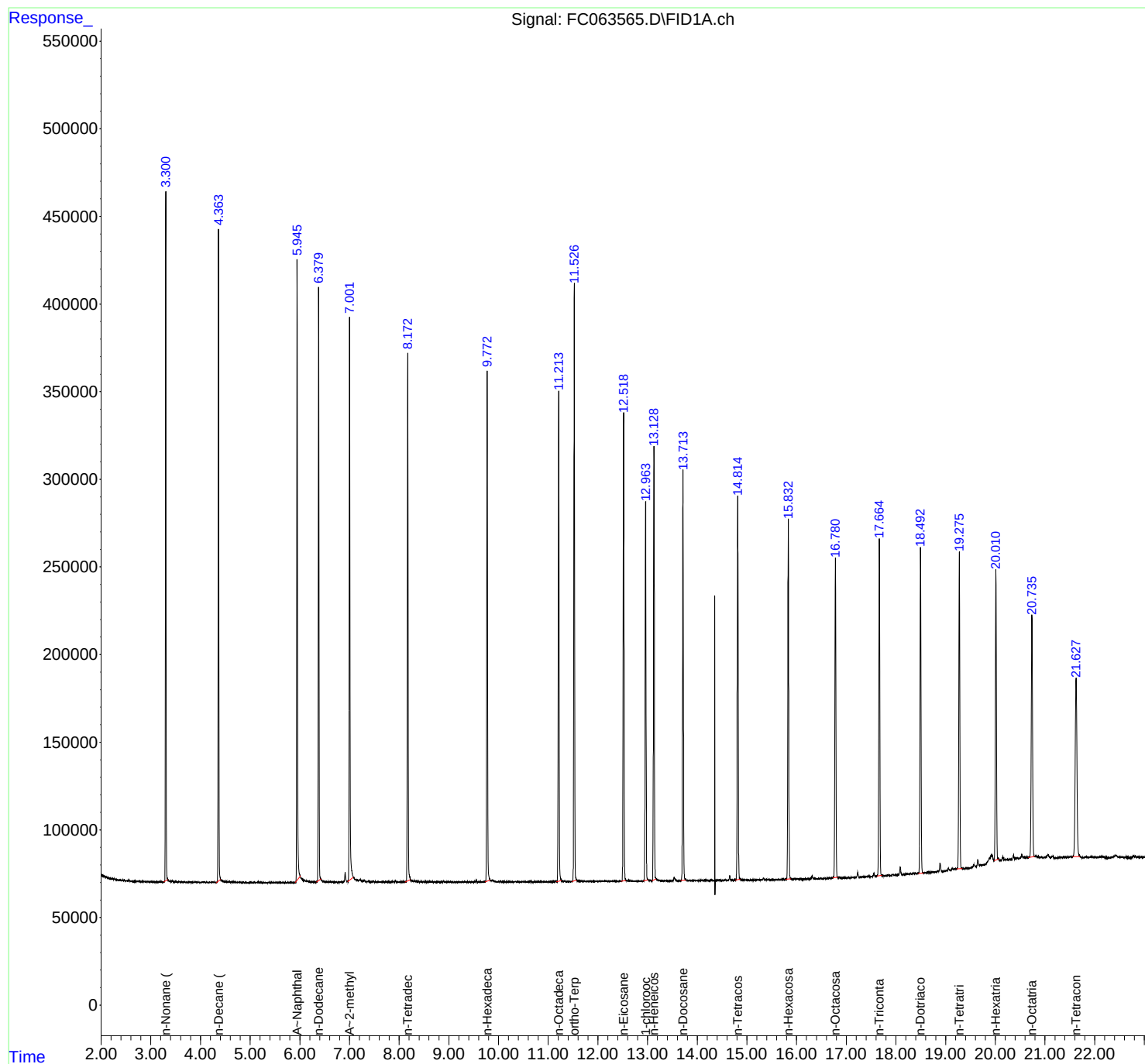
(m)=manual int.

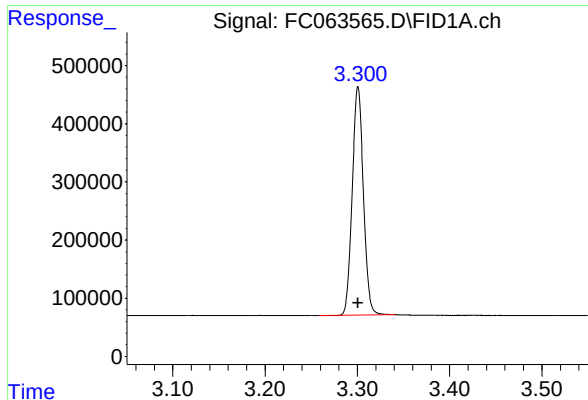
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050523AL\
Data File : FC063565.D
Signal(s) : FID1A.ch
Acq On : 05 May 2023 15:10
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
Quant Title : GC Extractables
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Volume Inj. : 1 ul
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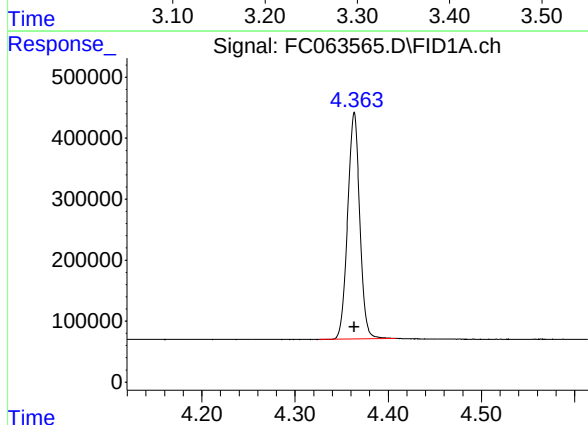




#1 n-Nonane (C9)

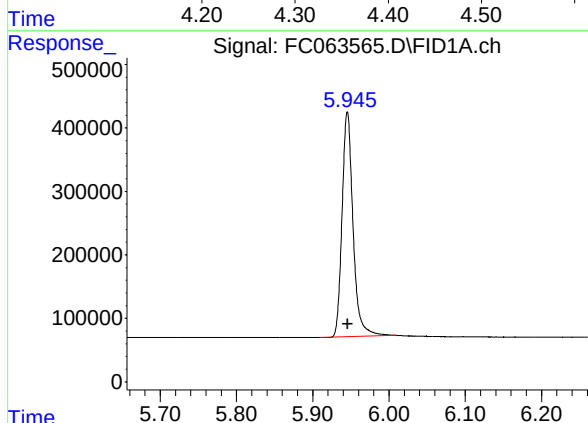
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 3298113
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



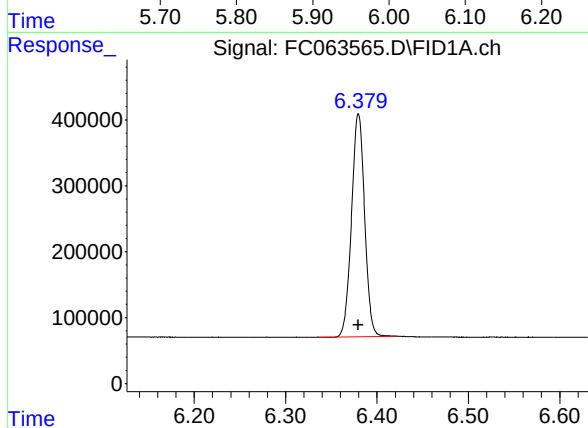
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 3343445
Conc: 20.00 ug/ml



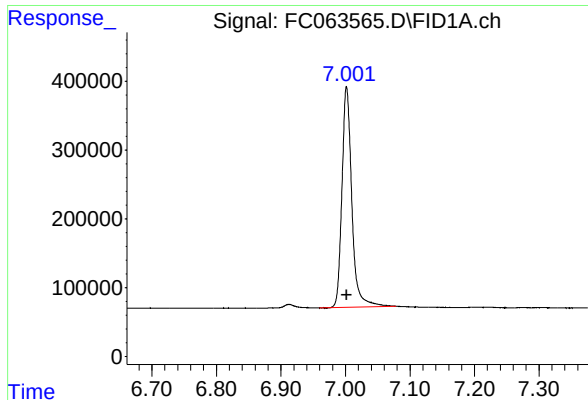
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 3542632
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

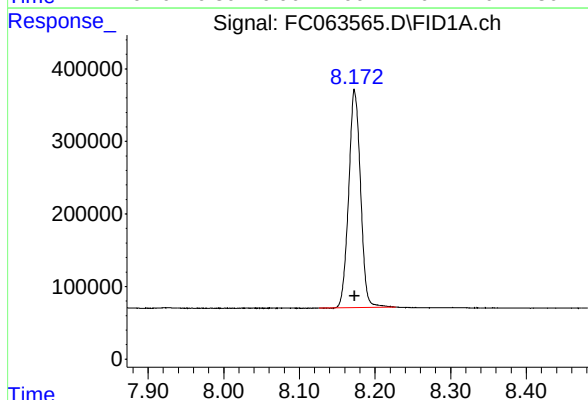
R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 3363774
Conc: 20.00 ug/ml



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

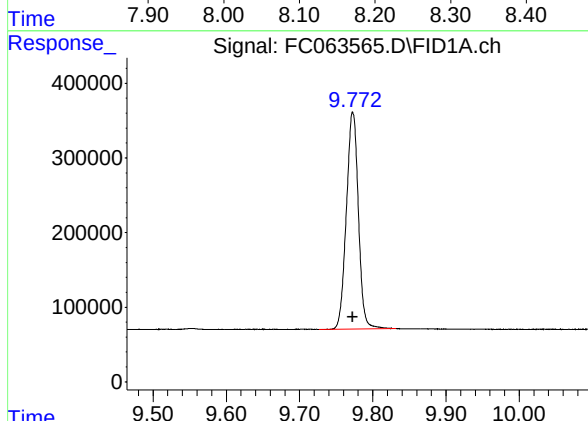
R.T.: 7.002 min
Delta R.T.: 0.000 min
Response: 3417793
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



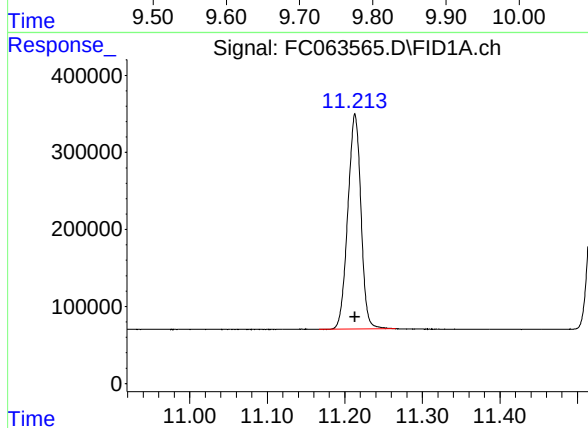
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 3273906
Conc: 20.00 ug/ml



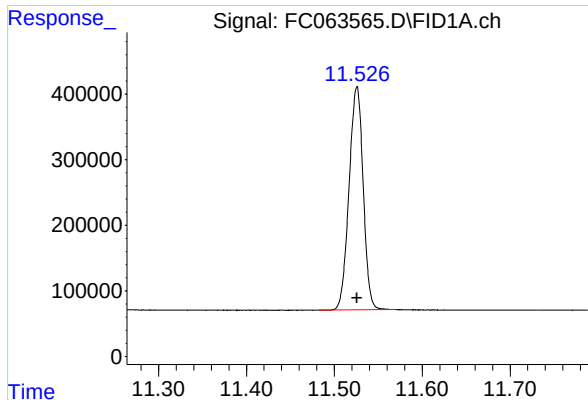
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 3317769
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

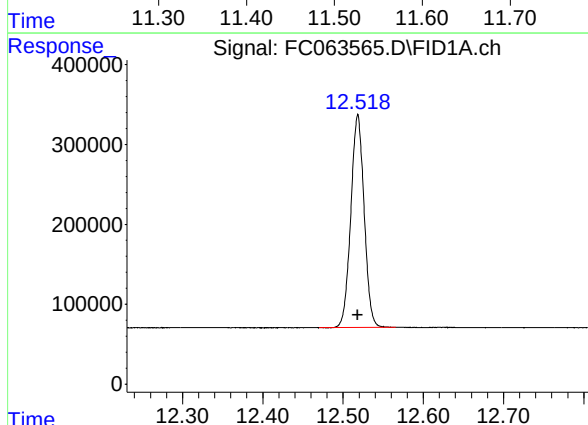
R.T.: 11.213 min
Delta R.T.: 0.000 min
Response: 3284828
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

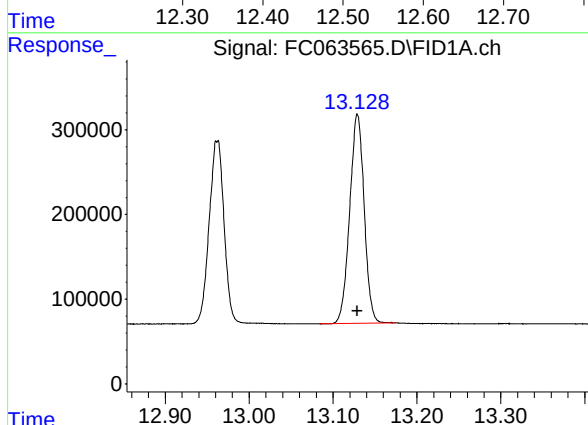
R.T.: 11.526 min
Delta R.T.: 0.000 min
Response: 3798283
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



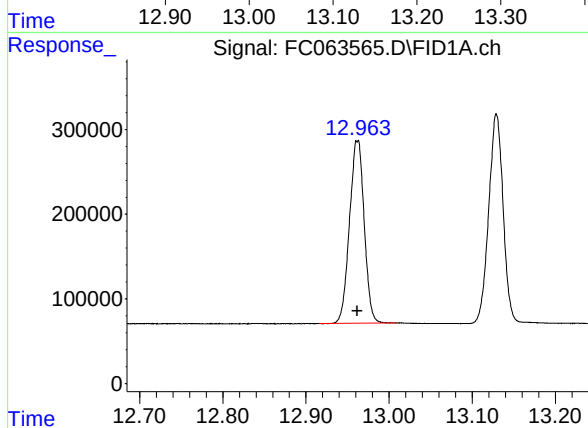
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.000 min
Response: 3072847
Conc: 20.00 ug/ml



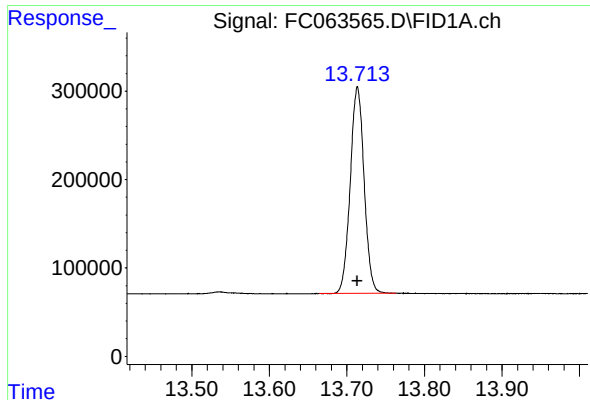
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 2961712
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

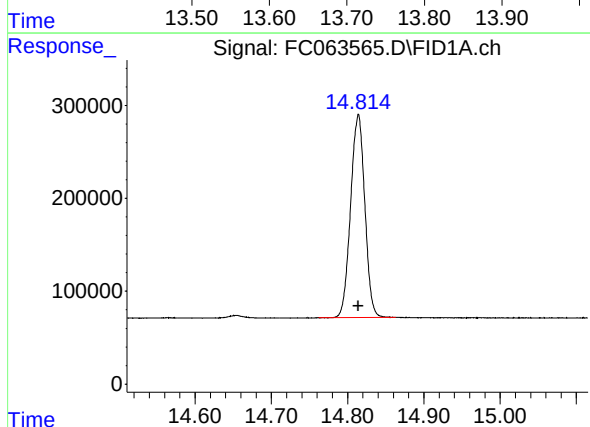
R.T.: 12.962 min
Delta R.T.: 0.000 min
Response: 2653240
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

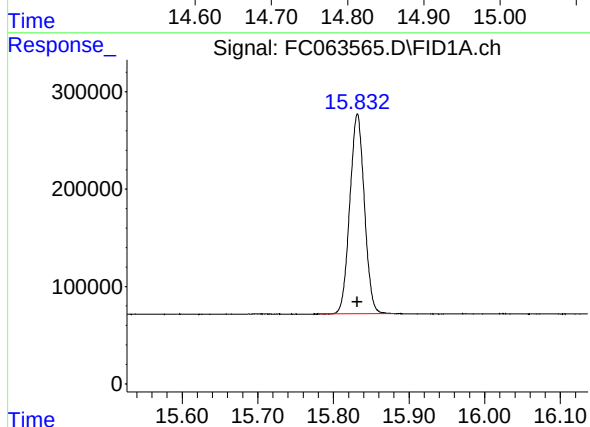
R.T.: 13.714 min
Delta R.T.: 0.000 min
Response: 2912131
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



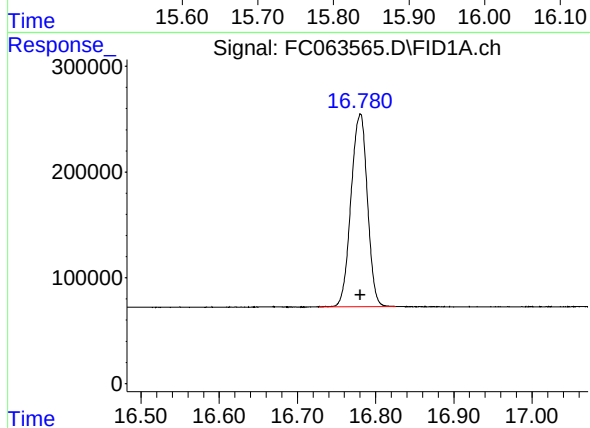
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: 0.000 min
Response: 2832325
Conc: 20.00 ug/ml



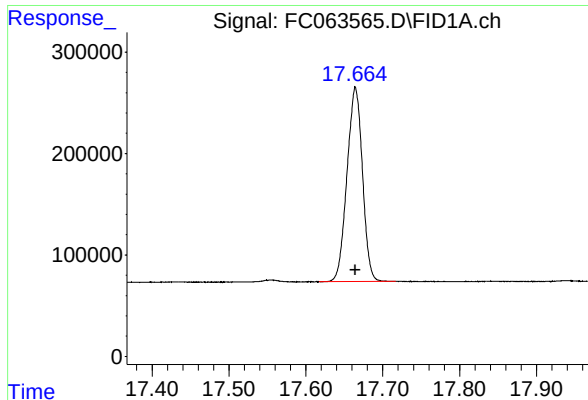
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: 0.000 min
Response: 2749422
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

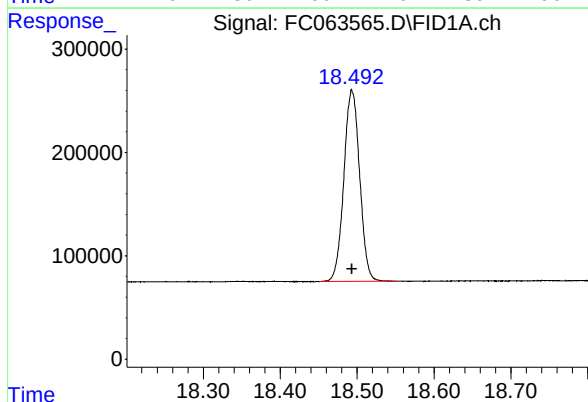
R.T.: 16.781 min
Delta R.T.: 0.000 min
Response: 2650626
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

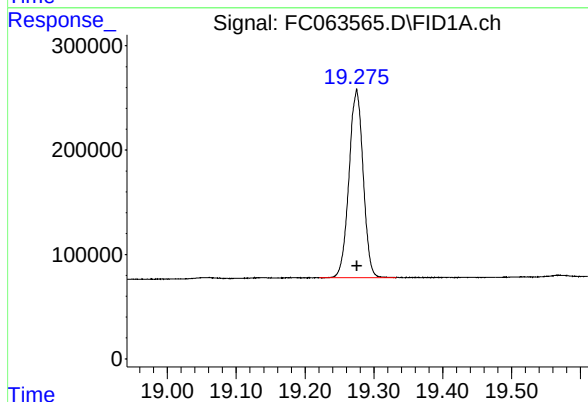
R.T.: 17.664 min
Delta R.T.: 0.000 min
Response: 2674092
Conc: 20.00 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD3



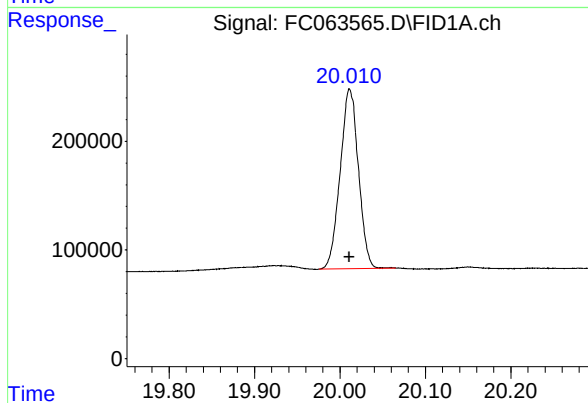
#18 n-Dotriacontane (C32)

R.T.: 18.493 min
Delta R.T.: 0.000 min
Response: 2639048
Conc: 20.00 ug/ml



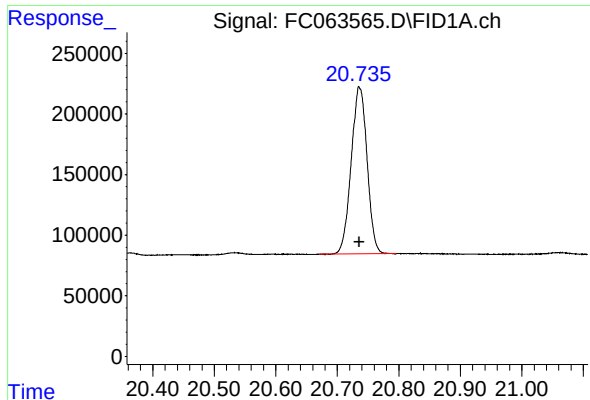
#19 n-Tetatriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 2575529
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

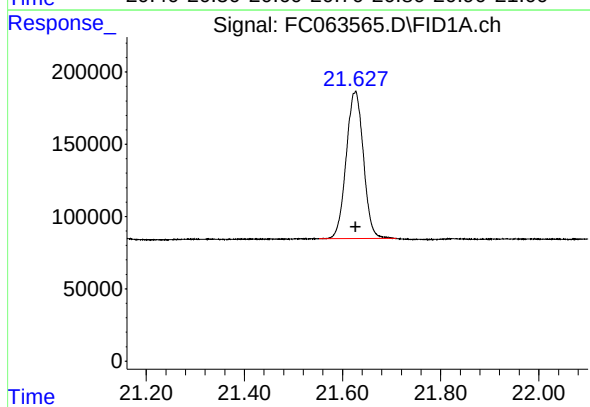
R.T.: 20.011 min
Delta R.T.: 0.000 min
Response: 2452488
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: 0.000 min
Response: 2474520
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.627 min
Delta R.T.: 0.000 min
Response: 2477545
Conc: 20.00 ug/ml