

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061724AL\
 Data File : FC066610.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2024 11:15
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 17 12:36:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 12:31:48 2024
 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)	11.551	8386227	50.946 ug/ml
Spiked Amount 50.000		Recovery =	101.89%
12) S 1-chlorooctadecane (S...	12.990	6708887	51.009 ug/ml
Spiked Amount 50.000		Recovery =	102.02%
Target Compounds			
1) T n-Nonane (C9)	3.301	6953516	50.606 ug/ml
2) T n-Decane (C10)	4.369	7154266	50.639 ug/ml
3) T A~Naphthalene (C11.7)	5.956	7790927	50.683 ug/ml
4) T n-Dodecane (C12)	6.391	7283342	50.675 ug/ml
5) T A~2-methylnaphthalene...	7.015	7664454	50.696 ug/ml
6) T n-Tetradecane (C14)	8.188	7338890	50.787 ug/ml
7) T n-Hexadecane (C16)	9.791	7794187	50.963 ug/ml
8) T n-Octadecane (C18)	11.235	8070352	50.980 ug/ml
10) T n-Eicosane (C20)	12.545	7896647	51.016 ug/ml
11) T n-Heneicosane (C21)	13.158	7798825	50.975 ug/ml
13) T n-Docosane (C22)	13.744	7750174	50.960 ug/ml
14) T n-Tetracosane (C24)	14.847	7611552	50.881 ug/ml
15) T n-Hexacosane (C26)	15.868	7274939	50.796 ug/ml
16) T n-Octacosane (C28)	16.818	6822105	50.510 ug/ml
17) T n-Tricontane (C30)	17.706	6593604	50.477 ug/ml
18) T n-Dotriacontane (C32)	18.538	6202817	50.317 ug/ml
19) T n-Tetratriacontane (C34)	19.322	5893572	50.578 ug/ml
20) T n-Hexatriacontane (C36)	20.062	5886830	51.250 ug/ml
21) T n-Octatriacontane (C38)	20.797	5385959	50.018 ug/ml
22) T n-Tetracontane (C40)	21.706	5368536	50.735 ug/ml

(f)=RT Delta > 1/2 Window

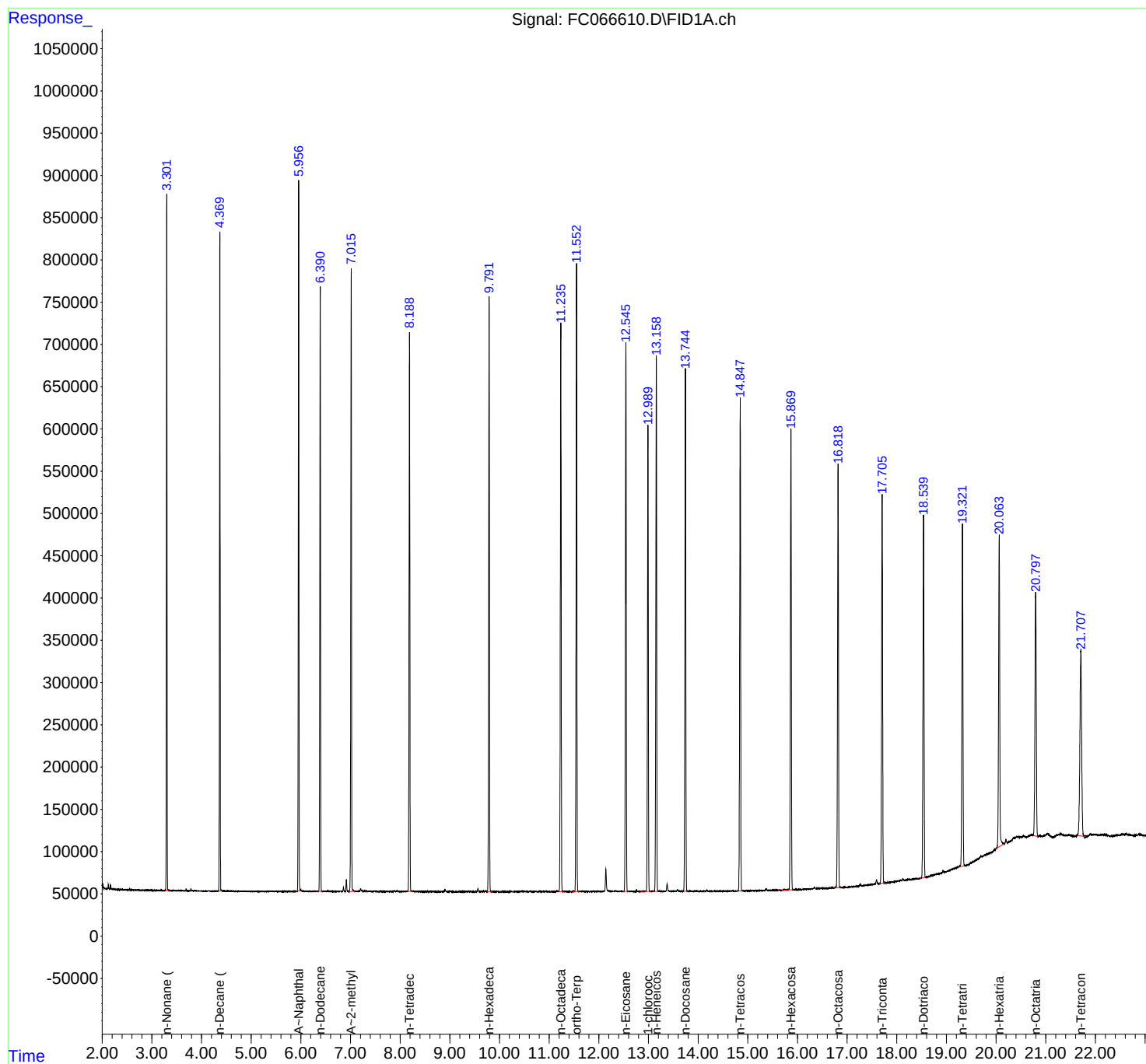
(m)=manual int.

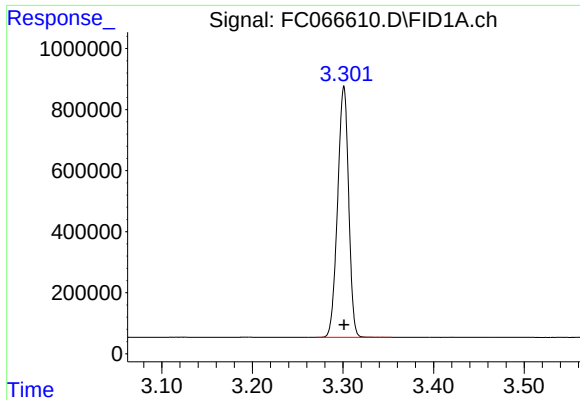
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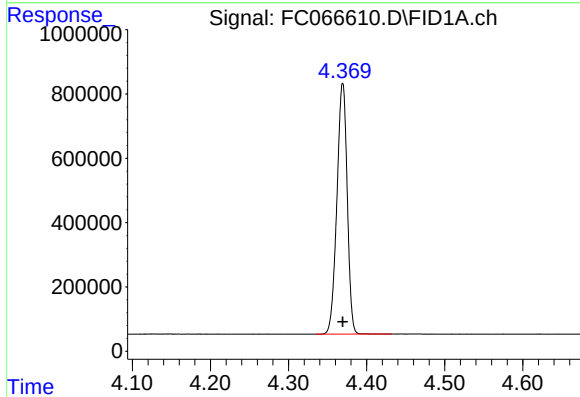




#1 n-Nonane (C9)

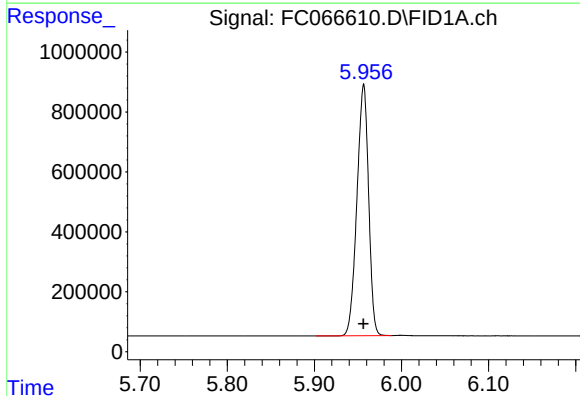
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 6953516
Conc: 50.61 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



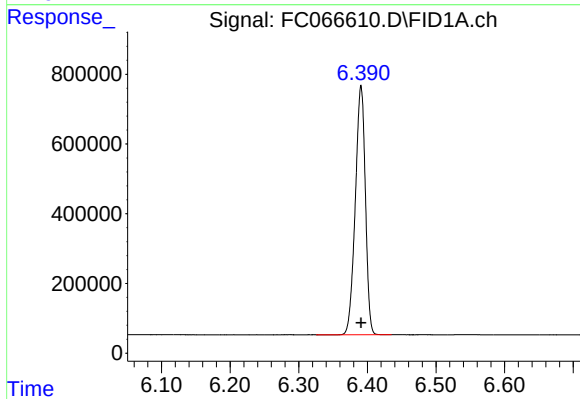
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 7154266
Conc: 50.64 ug/ml



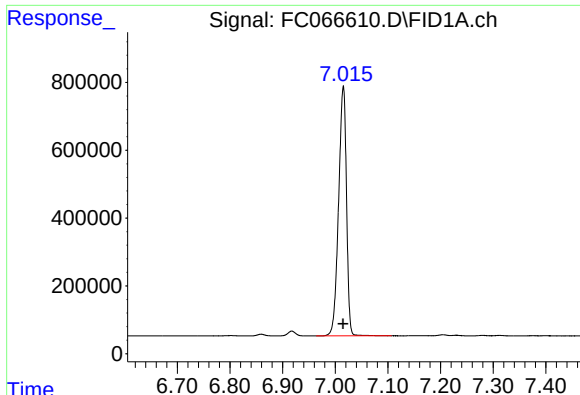
#3 A~Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 7790927
Conc: 50.68 ug/ml



#4 n-Dodecane (C12)

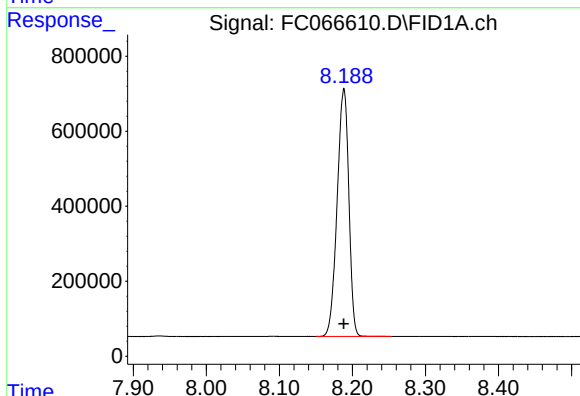
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 7283342
Conc: 50.68 ug/ml



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

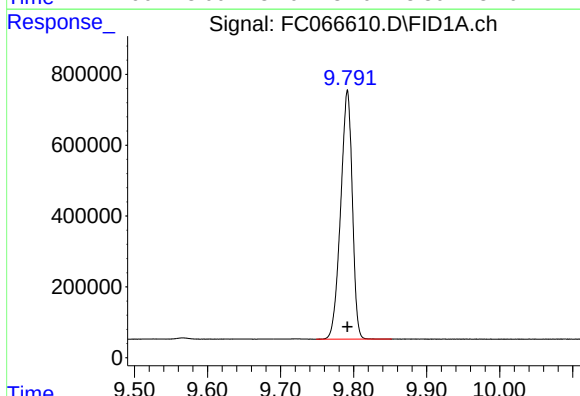
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 7664454
Conc: 50.70 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



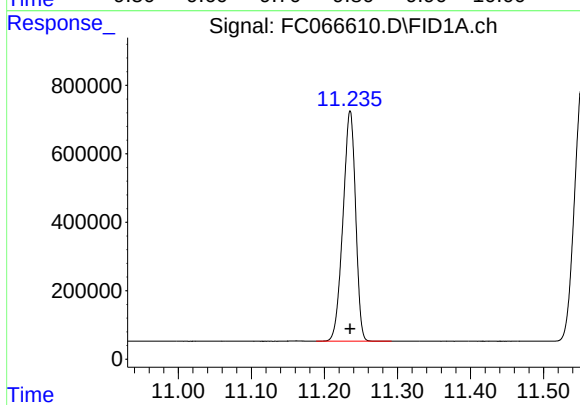
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 7338890
Conc: 50.79 ug/ml



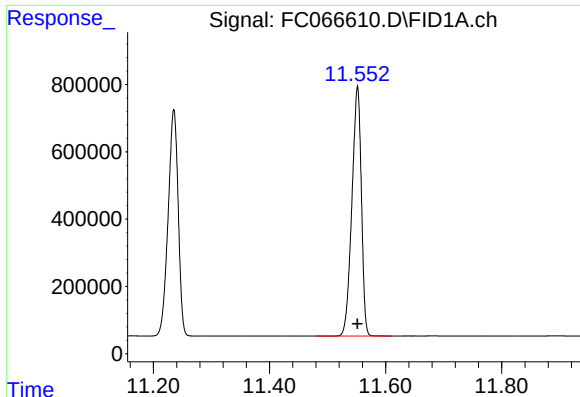
#7 n-Hexadecane (C16)

R.T.: 9.791 min
Delta R.T.: 0.000 min
Response: 7794187
Conc: 50.96 ug/ml



#8 n-Octadecane (C18)

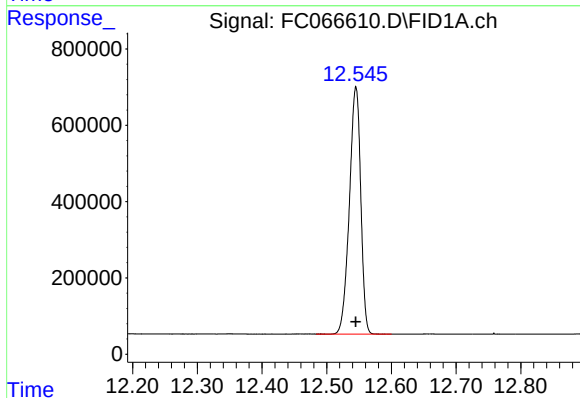
R.T.: 11.235 min
Delta R.T.: 0.000 min
Response: 8070352
Conc: 50.98 ug/ml



#9 ortho-Terphenyl (SURR)

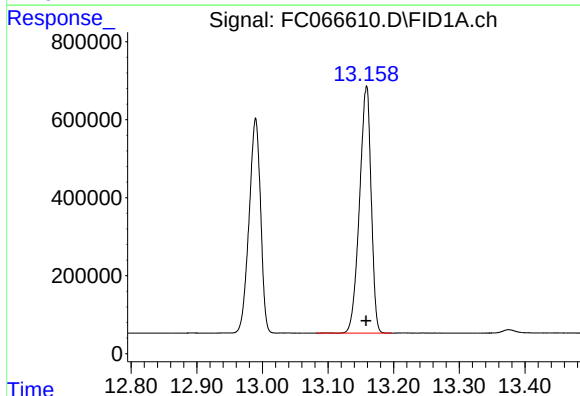
R.T.: 11.551 min
Delta R.T.: 0.000 min
Response: 8386227
Conc: 50.95 ug/ml

Instrument :
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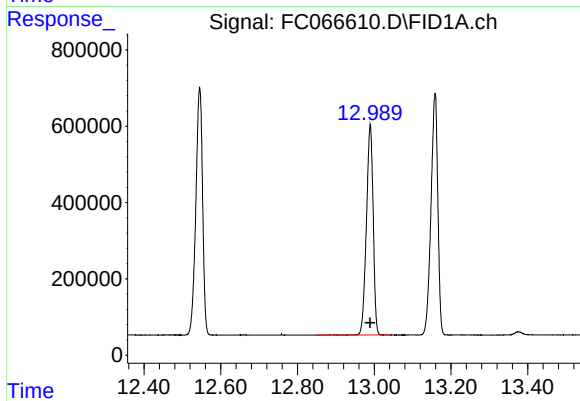
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: 0.000 min
Response: 7896647
Conc: 51.02 ug/ml



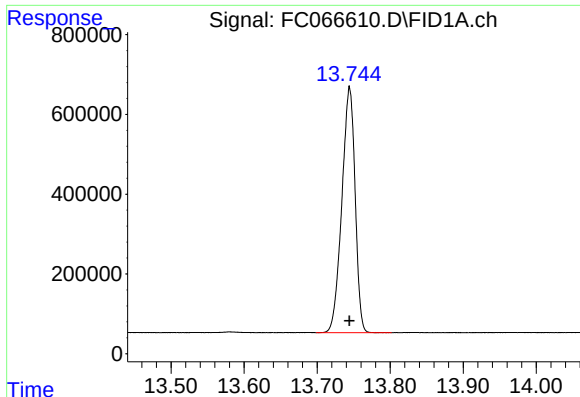
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: 0.000 min
Response: 7798825
Conc: 50.97 ug/ml



#12 1-chlorooctadecane (SURR)

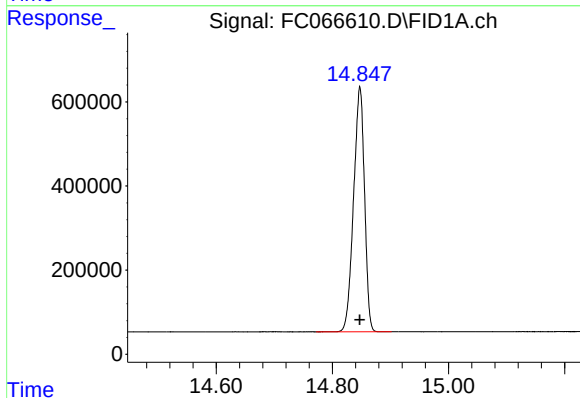
R.T.: 12.990 min
Delta R.T.: 0.000 min
Response: 6708887
Conc: 51.01 ug/ml



#13 n-Docosane (C22)

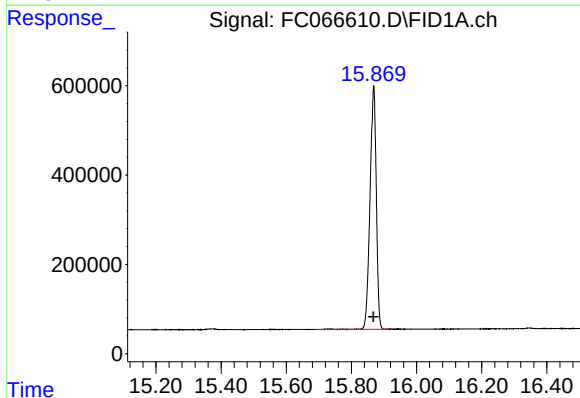
R.T.: 13.744 min
Delta R.T.: 0.000 min
Response: 7750174
Conc: 50.96 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



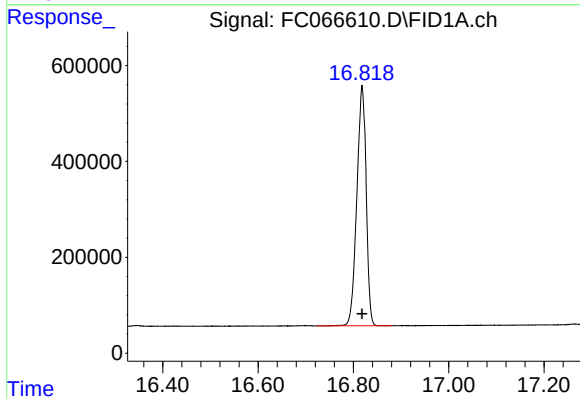
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: 0.000 min
Response: 7611552
Conc: 50.88 ug/ml



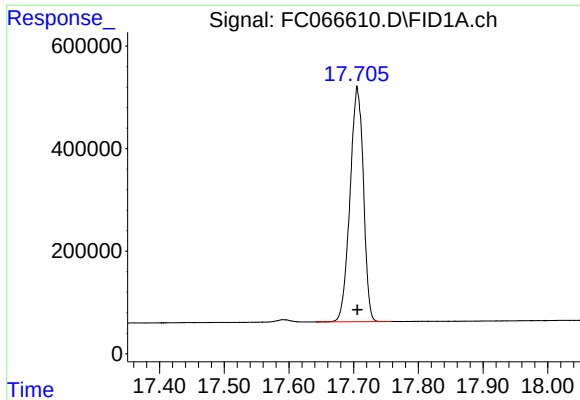
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: 0.000 min
Response: 7274939
Conc: 50.80 ug/ml



#16 n-Octacosane (C28)

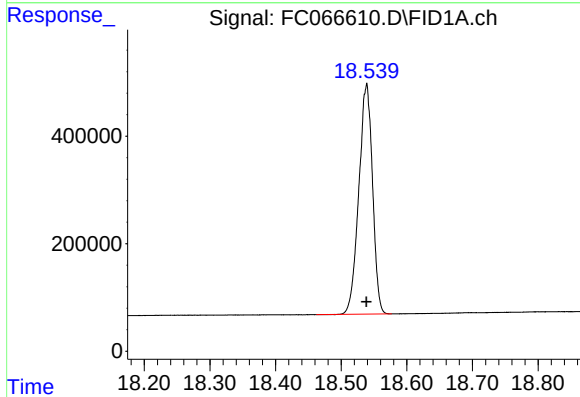
R.T.: 16.818 min
Delta R.T.: 0.000 min
Response: 6822105
Conc: 50.51 ug/ml



#17 n-Tricontane (C30)

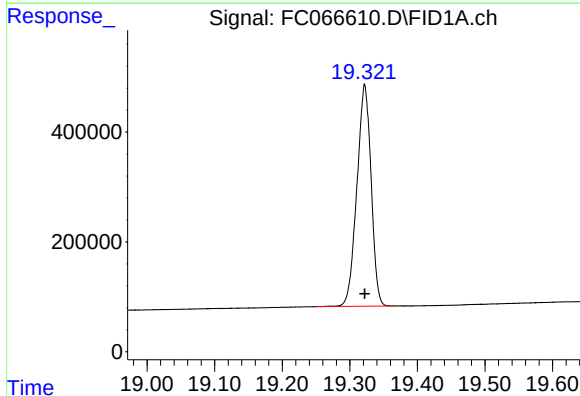
R.T.: 17.706 min
Delta R.T.: 0.000 min
Response: 6593604
Conc: 50.48 ug/ml

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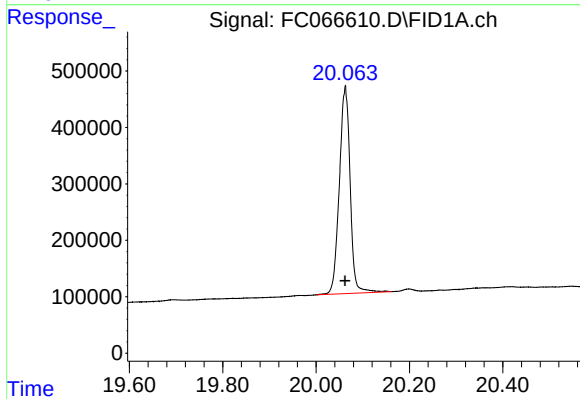
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: 0.000 min
Response: 6202817
Conc: 50.32 ug/ml



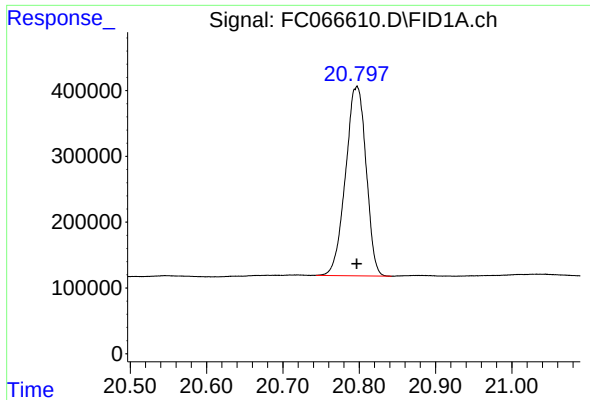
#19 n-Tetratriacontane (C34)

R.T.: 19.322 min
Delta R.T.: 0.000 min
Response: 5893572
Conc: 50.58 ug/ml



#20 n-Hexatriacontane (C36)

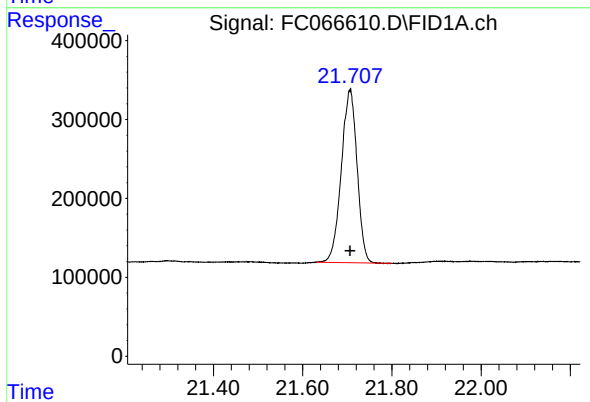
R.T.: 20.062 min
Delta R.T.: 0.000 min
Response: 5886830
Conc: 51.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: 0.000 min
Response: 5385959
Conc: 50.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.706 min
Delta R.T.: 0.000 min
Response: 5368536
Conc: 50.73 ug/ml