

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121222AL\
 Data File : FC062391.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2022 11:09
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 13 02:46:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 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)	11.572	2924745	20.734 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
12) S 1-chlorooctadecane (S...	13.011	2177008	20.425 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
Target Compounds			
1) T n-Nonane (C9)	3.324	2683204	20.862 ug/ml
2) T n-Decane (C10)	4.392	2645650	21.267 ug/ml
3) T A~Naphthalene (C11.7)	5.978	3027243	21.334 ug/ml
4) T n-Dodecane (C12)	6.415	2657884	21.219 ug/ml
5) T A~2-methylnaphthalene...	7.037	2829892	22.009 ug/ml
6) T n-Tetradecane (C14)	8.212	2643772	21.709 ug/ml
7) T n-Hexadecane (C16)	9.814	2668870	21.263 ug/ml
8) T n-Octadecane (C18)	11.257	2683765	21.007 ug/ml
10) T n-Eicosane (C20)	12.567	2578844	20.732 ug/ml
11) T n-Heneicosane (C21)	13.180	2560073	20.717 ug/ml
13) T n-Docosane (C22)	13.764	2556127	21.043 ug/ml
14) T n-Tetracosane (C24)	14.867	2589649	21.604 ug/ml
15) T n-Hexacosane (C26)	15.888	2517772	21.674 ug/ml
16) T n-Octacosane (C28)	16.836	2504564	22.037 ug/ml
17) T n-Tricontane (C30)	17.720	2465000	22.048 ug/ml
18) T n-Dotriacontane (C32)	18.553	2445442	22.008 ug/ml
19) T n-Tetratriacontane (C34)	19.334	2324807	21.489 ug/ml
20) T n-Hexatriacontane (C36)	20.072	2138611	21.065 ug/ml
21) T n-Octatriacontane (C38)	20.808	2126884	20.789 ug/ml
22) T n-Tetracontane (C40)	21.722	2101108	20.732 ug/ml

(f)=RT Delta > 1/2 Window

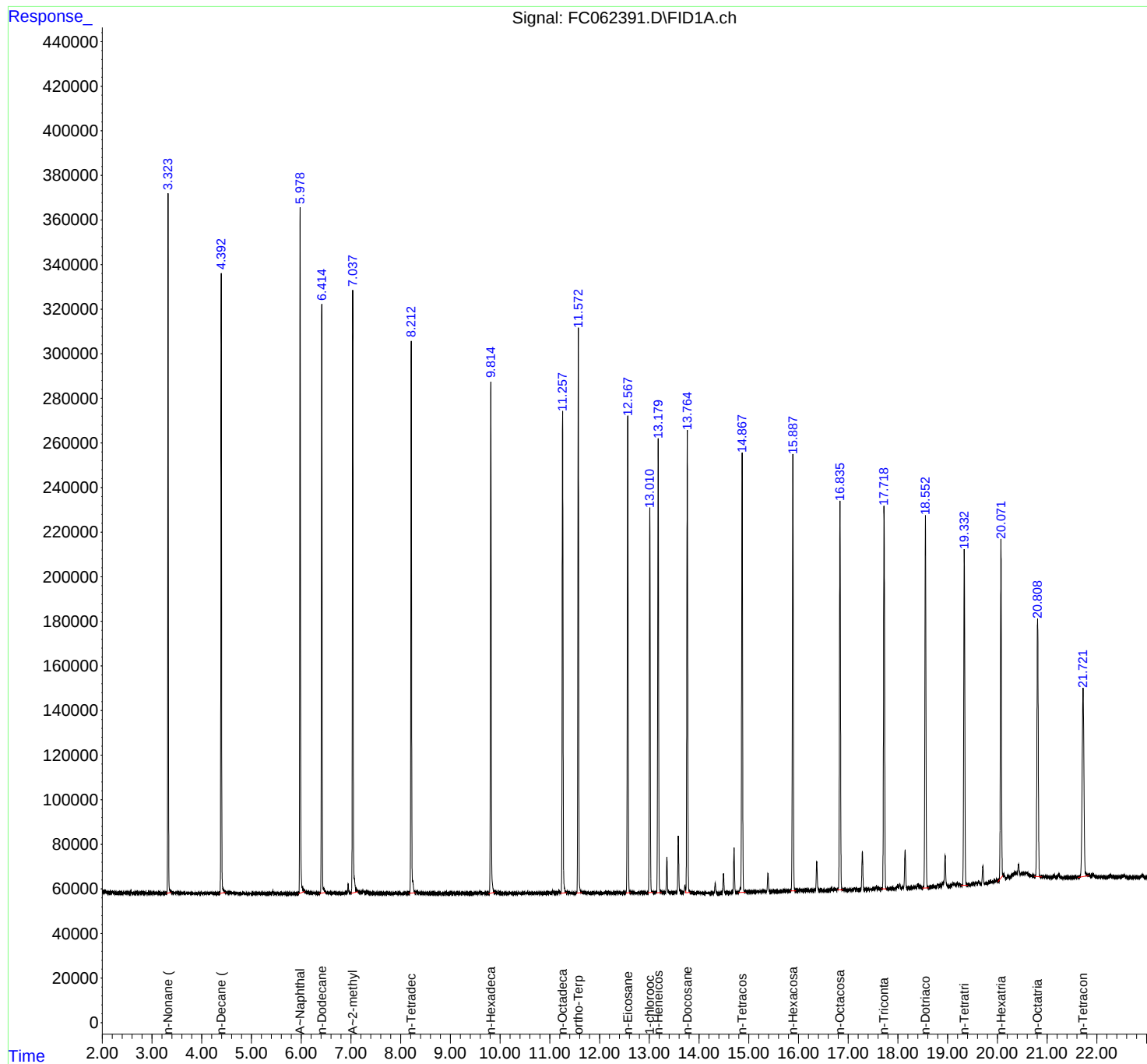
(m)=manual int.

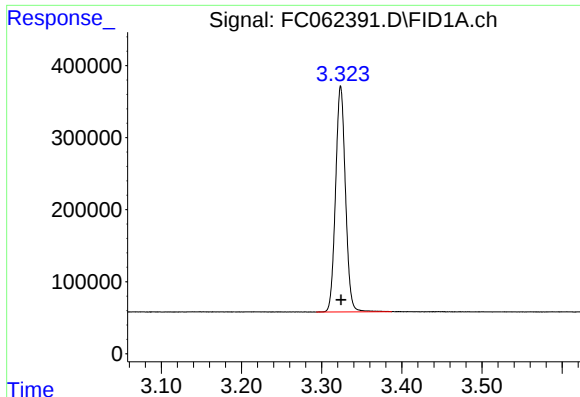
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121222AL\
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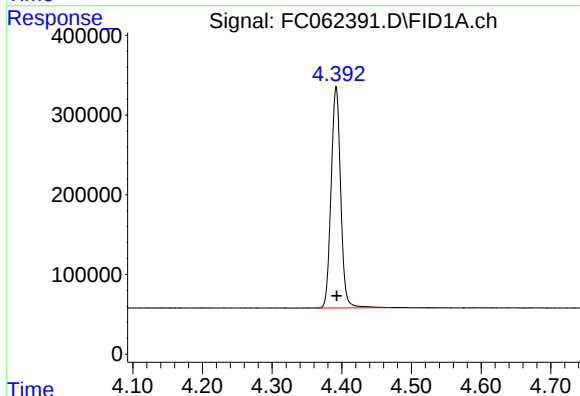




#1 n-Nonane (C9)

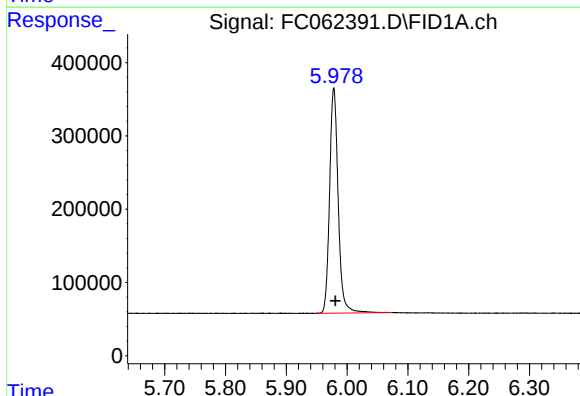
R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 2683204
Conc: 20.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



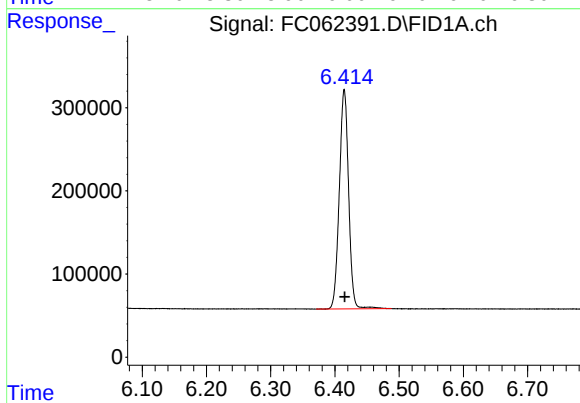
#2 n-Decane (C10)

R.T.: 4.392 min
Delta R.T.: 0.000 min
Response: 2645650
Conc: 21.27 ug/ml



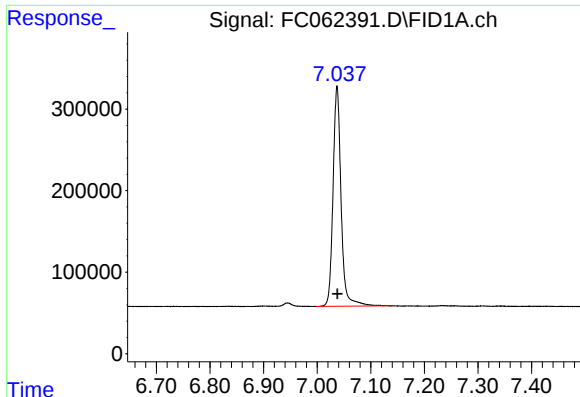
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 3027243
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

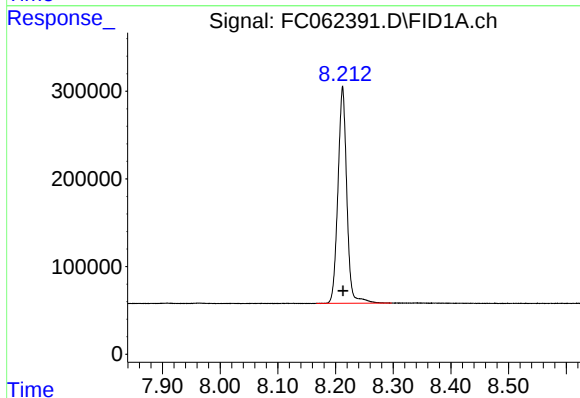
R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 2657884
Conc: 21.22 ug/ml



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

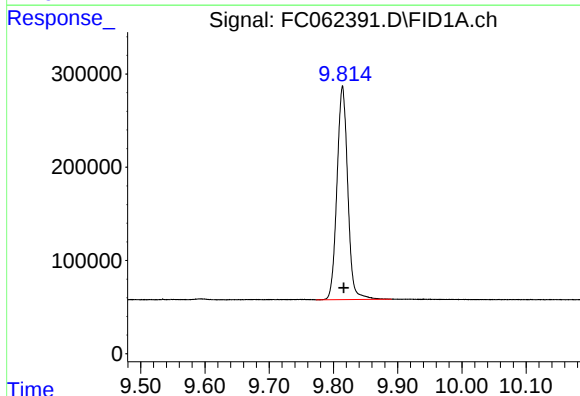
R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 2829892
Conc: 22.01 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



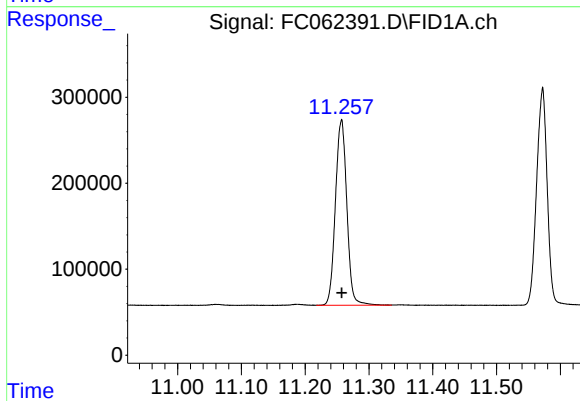
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 2643772
Conc: 21.71 ug/ml



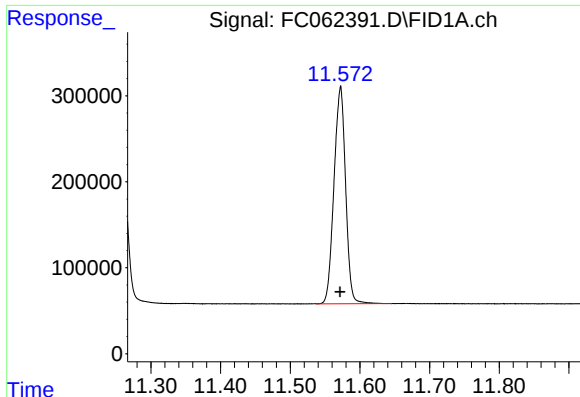
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: -0.002 min
Response: 2668870
Conc: 21.26 ug/ml



#8 n-Octadecane (C18)

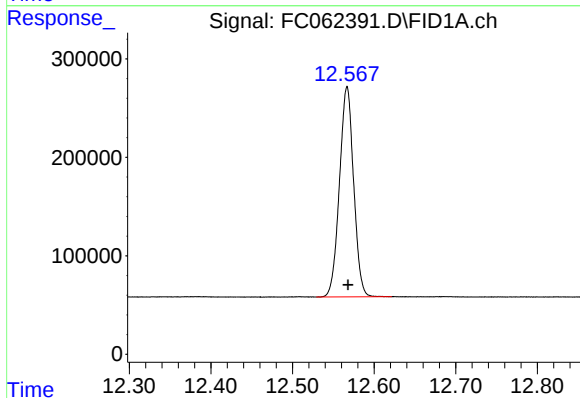
R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 2683765
Conc: 21.01 ug/ml



#9 ortho-Terphenyl (SURR)

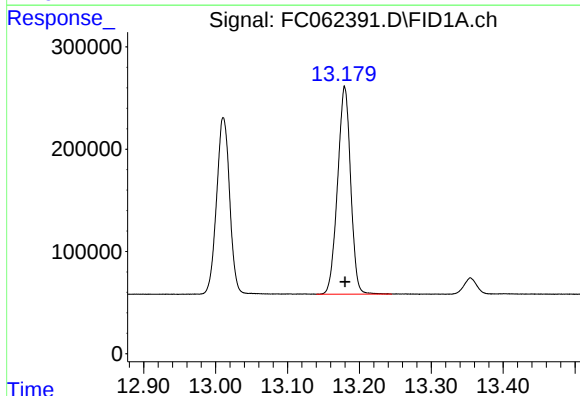
R.T.: 11.572 min
Delta R.T.: 0.000 min
Response: 2924745
Conc: 20.73 ug/ml

Instrument :
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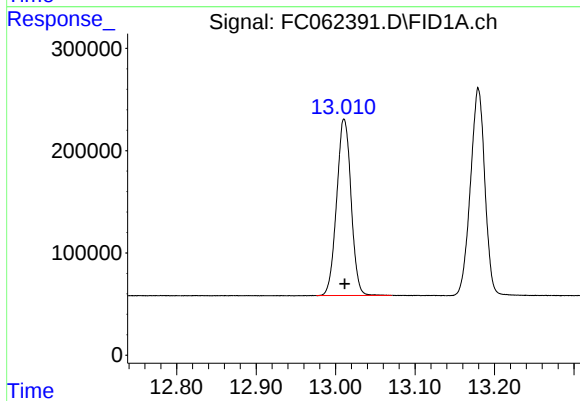
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: 0.000 min
Response: 2578844
Conc: 20.73 ug/ml



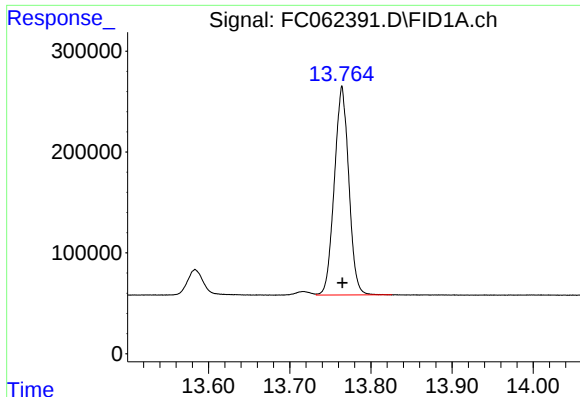
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: 0.000 min
Response: 2560073
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

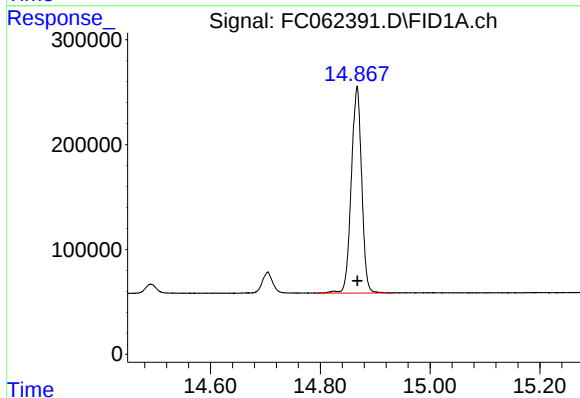
R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 2177008
Conc: 20.43 ug/ml



#13 n-Docosane (C22)

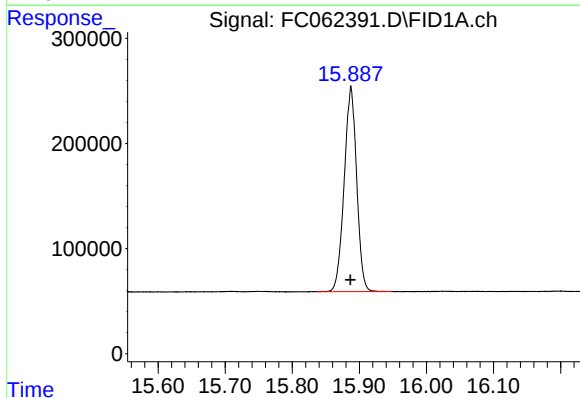
R.T.: 13.764 min
Delta R.T.: 0.000 min
Response: 2556127
Conc: 21.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



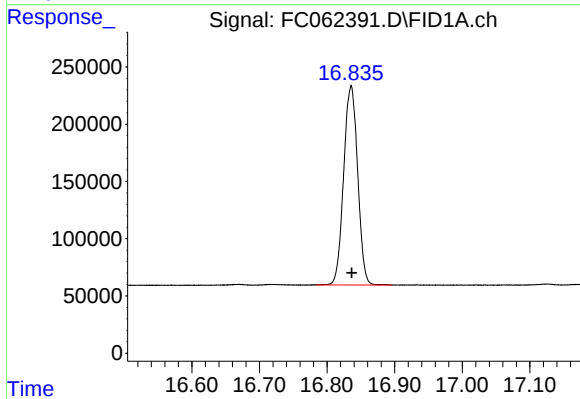
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: 0.000 min
Response: 2589649
Conc: 21.60 ug/ml



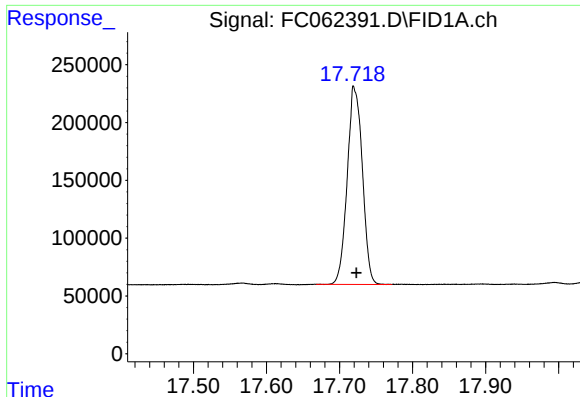
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.000 min
Response: 2517772
Conc: 21.67 ug/ml



#16 n-Octacosane (C28)

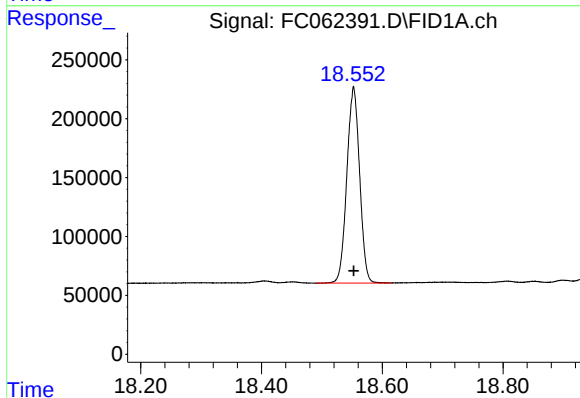
R.T.: 16.836 min
Delta R.T.: 0.000 min
Response: 2504564
Conc: 22.04 ug/ml



#17 n-Tricontane (C30)

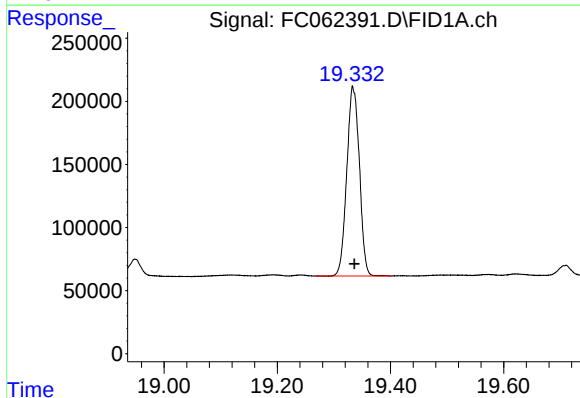
R.T.: 17.720 min
Delta R.T.: -0.003 min
Response: 2465000
Conc: 22.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



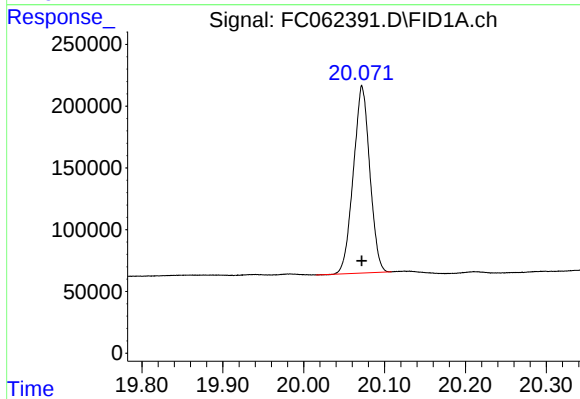
#18 n-Dotriacontane (C32)

R.T.: 18.553 min
Delta R.T.: 0.000 min
Response: 2445442
Conc: 22.01 ug/ml



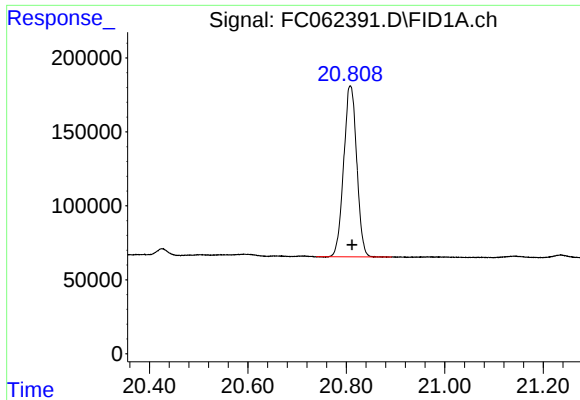
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: -0.003 min
Response: 2324807
Conc: 21.49 ug/ml



#20 n-Hexatriacontane (C36)

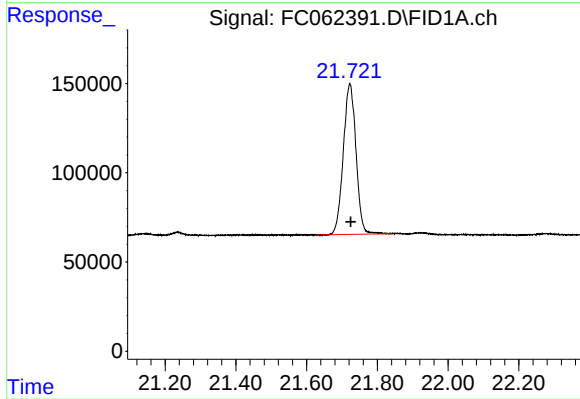
R.T.: 20.072 min
Delta R.T.: 0.000 min
Response: 2138611
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: -0.003 min
Response: 2126884
Conc: 20.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: -0.003 min
Response: 2101108
Conc: 20.73 ug/ml