

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425AL\
 Data File : FG017069.D
 Signal(s) : FID1A.ch
 Acq On : 04 Dec 2025 16:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 05 01:34:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:54:45 2025
 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)	12.033	3622382	23.483 ug/ml
Spiked Amount 50.000		Recovery =	46.97%
12) S 1-chlorooctadecane (S...	13.478	2735764	23.586 ug/ml
Spiked Amount 50.000		Recovery =	47.17%
Target Compounds			
1) T n-Nonane (C9)	3.359	2918052	23.778 ug/ml
2) T n-Decane (C10)	4.618	3073249	24.664 ug/ml
3) T A~Naphthalene (C11.7)	6.336	3192668	25.434 ug/ml
4) T n-Dodecane (C12)	6.798	3134183	24.693 ug/ml
5) T A~2-methylnaphthalene...	7.439	3032122	26.545 ug/ml
6) T n-Tetradecane (C14)	8.638	3117232	24.956 ug/ml
7) T n-Hexadecane (C16)	10.256	3226424	25.106 ug/ml
8) T n-Octadecane (C18)	11.710	3314041	24.407 ug/ml
10) T n-Eicosane (C20)	13.028	3231002	23.612 ug/ml
11) T n-Heneicosane (C21)	13.645	3171092	23.379 ug/ml
13) T n-Docosane (C22)	14.236	3166952	23.064 ug/ml
14) T n-Tetracosane (C24)	15.347	3169903	22.406 ug/ml
15) T n-Hexacosane (C26)	16.375	3079614	22.178 ug/ml
16) T n-Octacosane (C28)	17.331	3072111	21.935 ug/ml
17) T n-Tricontane (C30)	18.225	3233004	21.774 ug/ml
18) T n-Dotriacontane (C32)	19.063	3234864	21.600 ug/ml
19) T n-Tetratriacontane (C34)	19.852	2896525	22.065 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2430708	23.087 ug/ml
21) T n-Octatriacontane (C38)	21.370	2191278	23.928 ug/ml
22) T n-Tetracontane (C40)	22.351	2047937	25.119 ug/ml

(f)=RT Delta > 1/2 Window

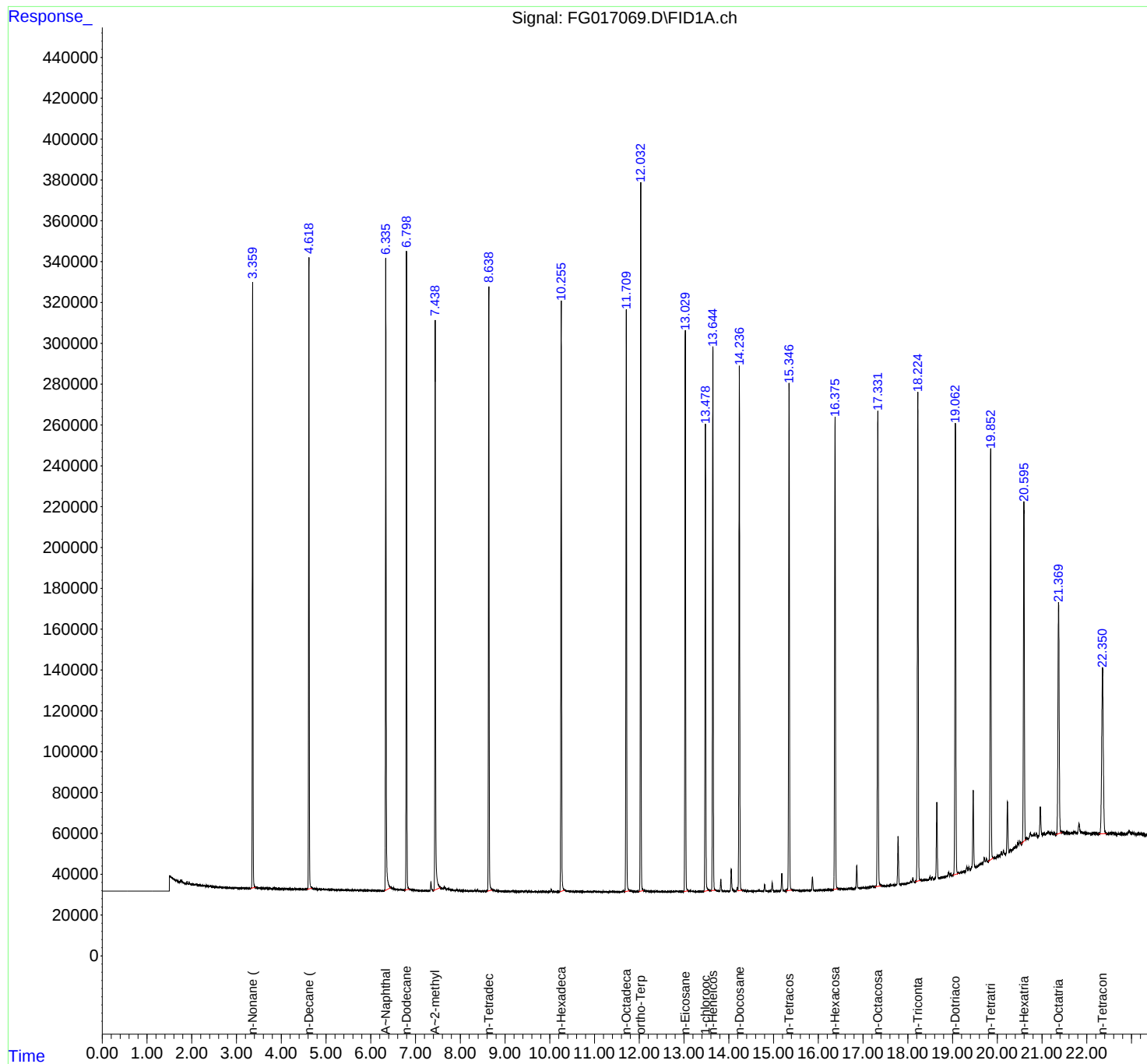
(m)=manual int.

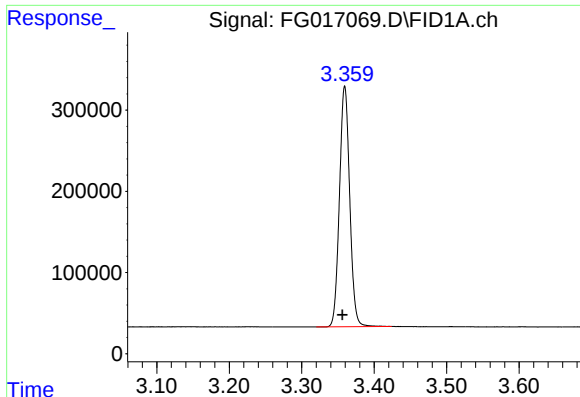
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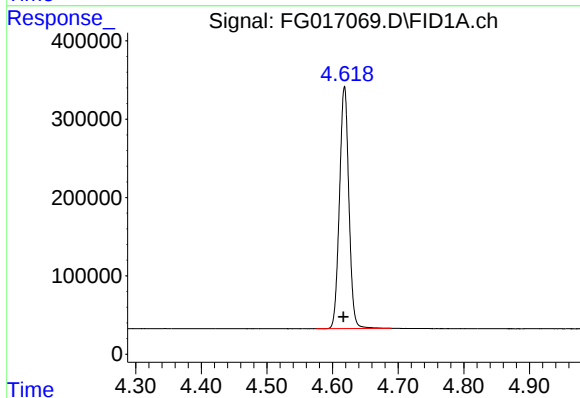




#1 n-Nonane (C9)

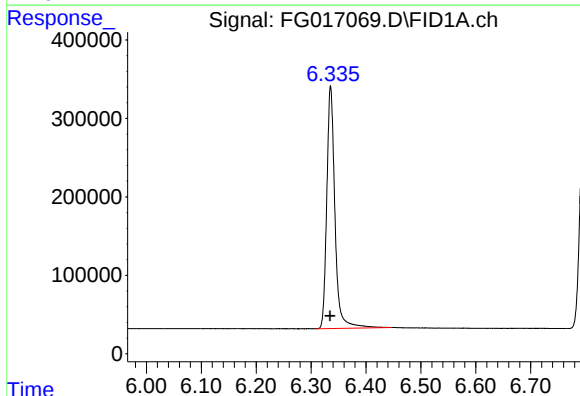
R.T.: 3.359 min
Delta R.T.: 0.003 min
Response: 2918052
Conc: 23.78 ug/ml

Instrument :
FID_E
ClientSampleId :



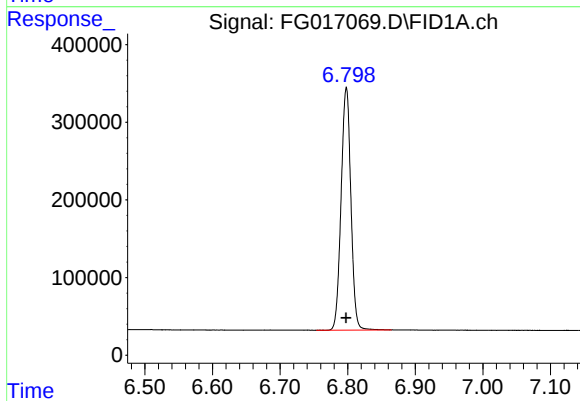
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.001 min
Response: 3073249
Conc: 24.66 ug/ml



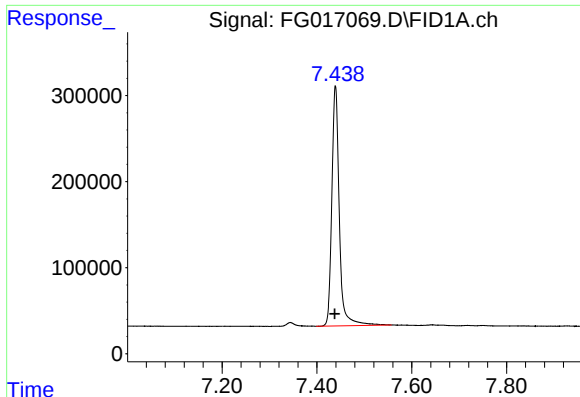
#3 A~Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: 0.001 min
Response: 3192668
Conc: 25.43 ug/ml



#4 n-Dodecane (C12)

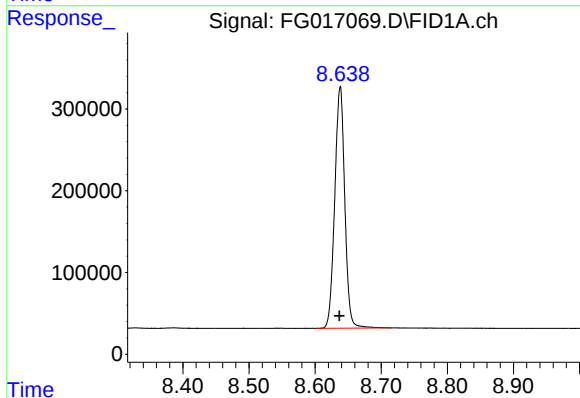
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 3134183
Conc: 24.69 ug/ml



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

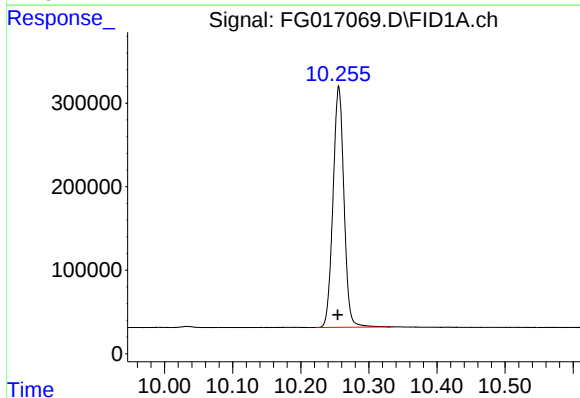
R.T.: 7.439 min
Delta R.T.: 0.002 min
Response: 3032122
Conc: 26.55 ug/ml

Instrument :
FID_E
ClientSampleId :



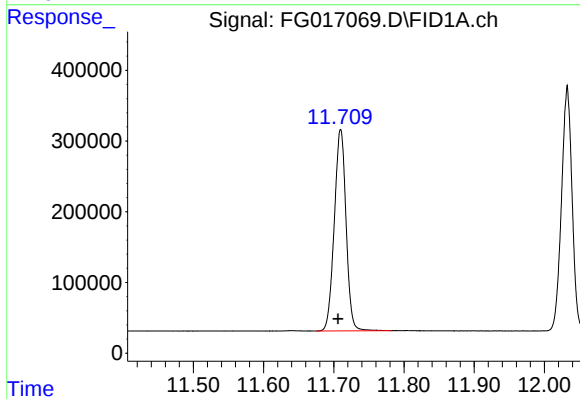
#6 n-Tetradecane (C14)

R.T.: 8.638 min
Delta R.T.: 0.002 min
Response: 3117232
Conc: 24.96 ug/ml



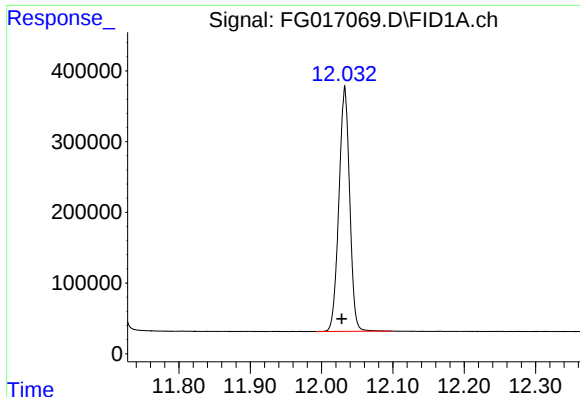
#7 n-Hexadecane (C16)

R.T.: 10.256 min
Delta R.T.: 0.002 min
Response: 3226424
Conc: 25.11 ug/ml



#8 n-Octadecane (C18)

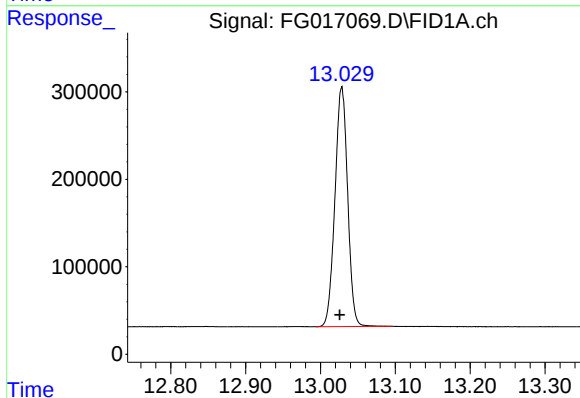
R.T.: 11.710 min
Delta R.T.: 0.003 min
Response: 3314041
Conc: 24.41 ug/ml



#9 ortho-Terphenyl (SURR)

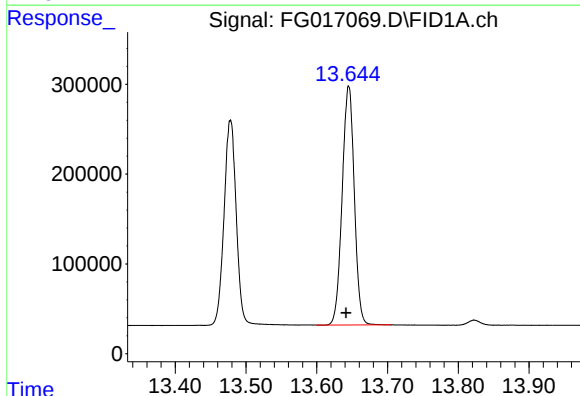
R.T.: 12.033 min
Delta R.T.: 0.004 min
Response: 3622382
Conc: 23.48 ug/ml

Instrument :
FID_E
ClientSampleId :



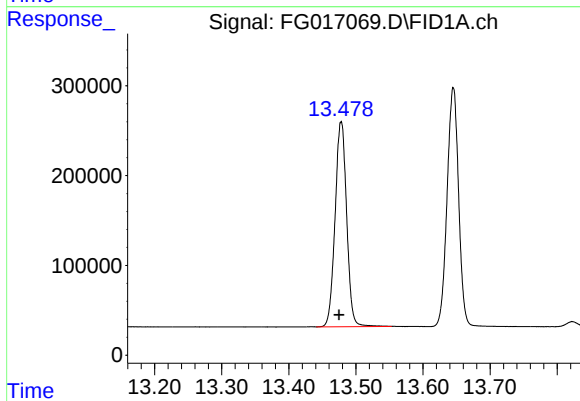
#10 n-Eicosane (C20)

R.T.: 13.028 min
Delta R.T.: 0.003 min
Response: 3231002
Conc: 23.61 ug/ml



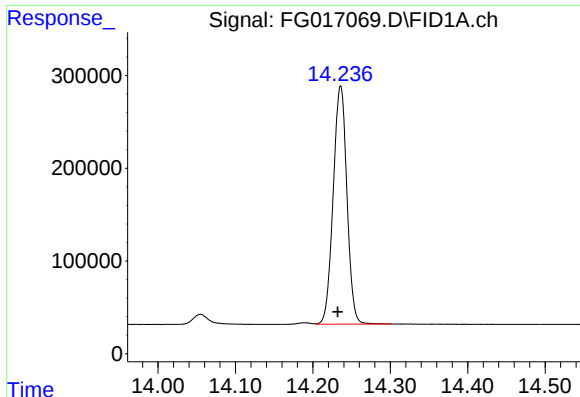
#11 n-Heneicosane (C21)

R.T.: 13.645 min
Delta R.T.: 0.004 min
Response: 3171092
Conc: 23.38 ug/ml



#12 1-chlorooctadecane (SURR)

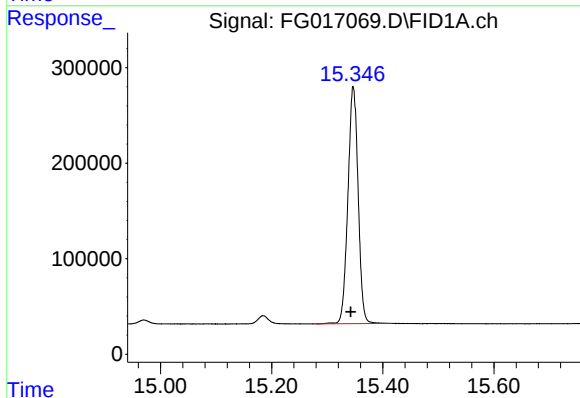
R.T.: 13.478 min
Delta R.T.: 0.003 min
Response: 2735764
Conc: 23.59 ug/ml



#13 n-Docosane (C22)

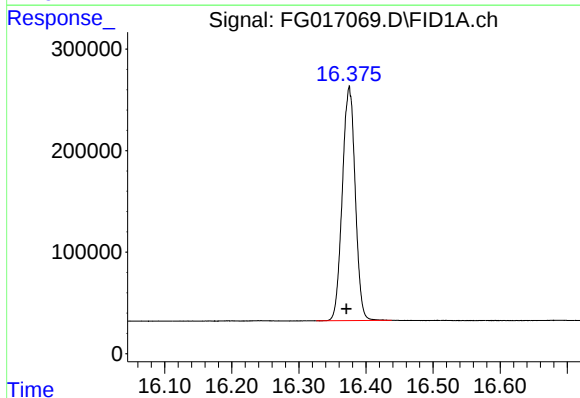
R.T.: 14.236 min
Delta R.T.: 0.004 min
Response: 3166952
Conc: 23.06 ug/ml

Instrument :
FID_E
ClientSampleId :



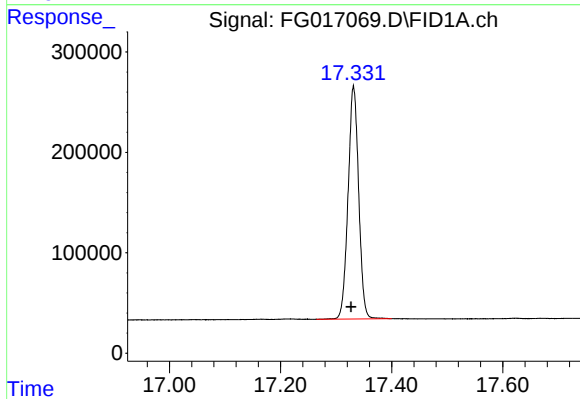
#14 n-Tetracosane (C24)

R.T.: 15.347 min
Delta R.T.: 0.004 min
Response: 3169903
Conc: 22.41 ug/ml



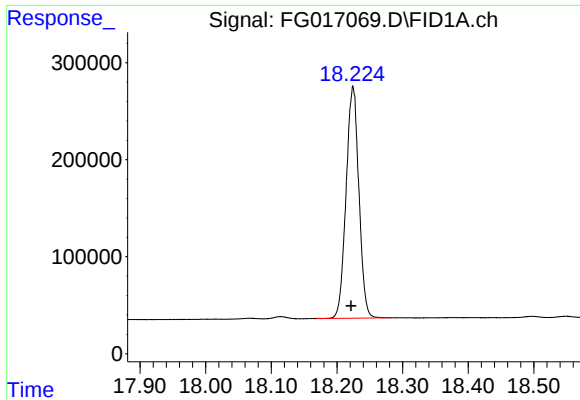
#15 n-Hexacosane (C26)

R.T.: 16.375 min
Delta R.T.: 0.004 min
Response: 3079614
Conc: 22.18 ug/ml



#16 n-Octacosane (C28)

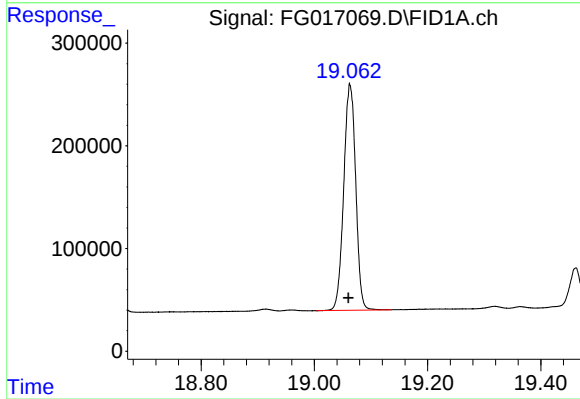
R.T.: 17.331 min
Delta R.T.: 0.004 min
Response: 3072111
Conc: 21.94 ug/ml



#17 n-Tricontane (C30)

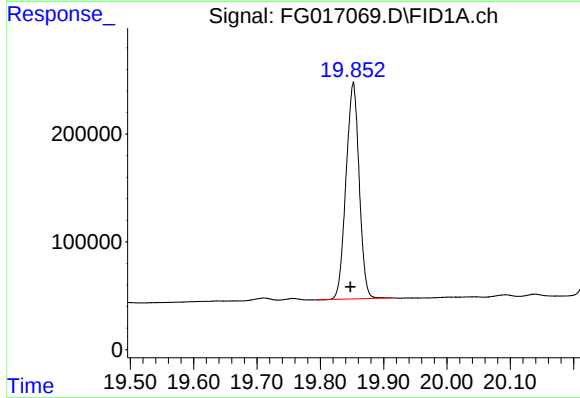
R.T.: 18.225 min
Delta R.T.: 0.003 min
Response: 3233004
Conc: 21.77 ug/ml

Instrument :
FID_E
ClientSampleId :



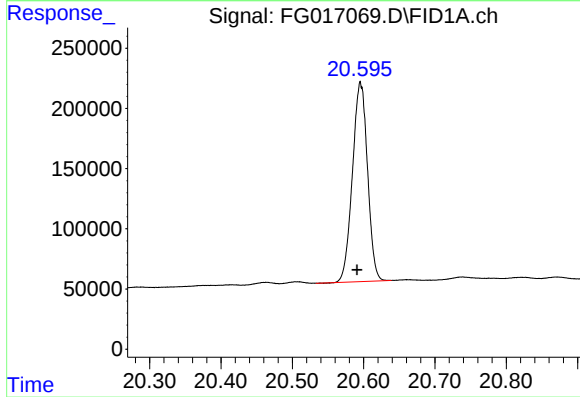
#18 n-Dotriacontane (C32)

R.T.: 19.063 min
Delta R.T.: 0.003 min
Response: 3234864
Conc: 21.60 ug/ml



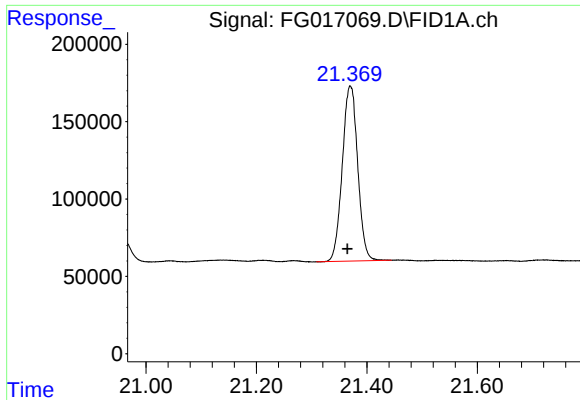
#19 n-Tetratriacontane (C34)

R.T.: 19.852 min
Delta R.T.: 0.005 min
Response: 2896525
Conc: 22.06 ug/ml



#20 n-Hexatriacontane (C36)

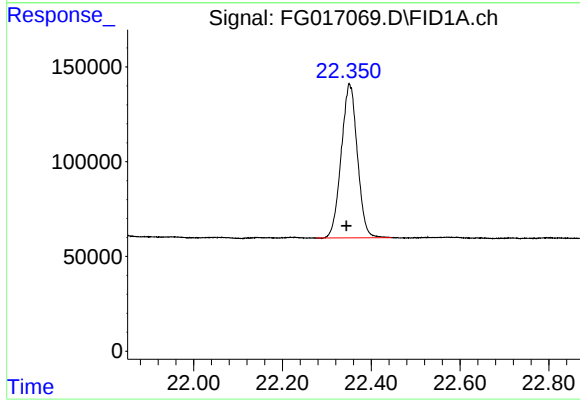
R.T.: 20.596 min
Delta R.T.: 0.005 min
Response: 2430708
Conc: 23.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.370 min
Delta R.T.: 0.005 min
Response: 2191278
Conc: 23.93 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.351 min
Delta R.T.: 0.006 min
Response: 2047937
Conc: 25.12 ug/ml