

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072224AL\
 Data File : FE049223.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2024 13:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 22 14:15:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.907	2949851	19.019 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	13.342	2249605	19.254 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
Target Compounds			
1) T n-Nonane (C9)	3.297	2617034	17.402 ug/ml
2) T n-Decane (C10)	4.546	2815521	18.229 ug/ml
3) T A~Naphthalene (C11.7)	6.252	2838495	18.218 ug/ml
4) T n-Dodecane (C12)	6.712	2821778	18.326 ug/ml
5) T A~2-methylnaphthalene...	7.348	2680577	18.419 ug/ml
6) T n-Tetradecane (C14)	8.540	2806403	18.491 ug/ml
7) T n-Hexadecane (C16)	10.147	2861129	18.866 ug/ml
8) T n-Octadecane (C18)	11.589	2883797	18.993 ug/ml
10) T n-Eicosane (C20)	12.898	2761392	19.096 ug/ml
11) T n-Heneicosane (C21)	13.509	2705822	19.081 ug/ml
13) T n-Docosane (C22)	14.095	2709745	19.287 ug/ml
14) T n-Tetracosane (C24)	15.197	2759402	19.689 ug/ml
15) T n-Hexacosane (C26)	16.216	2789961	19.897 ug/ml
16) T n-Octacosane (C28)	17.165	2908969	20.783 ug/ml
17) T n-Tricontane (C30)	18.052	3264836	22.381 ug/ml
18) T n-Dotriacontane (C32)	18.881	3390047	23.056 ug/ml
19) T n-Tetratriacontane (C34)	19.667	3209964	21.976 ug/ml
20) T n-Hexatriacontane (C36)	20.407	3056673	21.204 ug/ml
21) T n-Octatriacontane (C38)	21.137	3049787	20.374 ug/ml
22) T n-Tetracontane (C40)	22.042	2995703	19.852 ug/ml

(f)=RT Delta > 1/2 Window

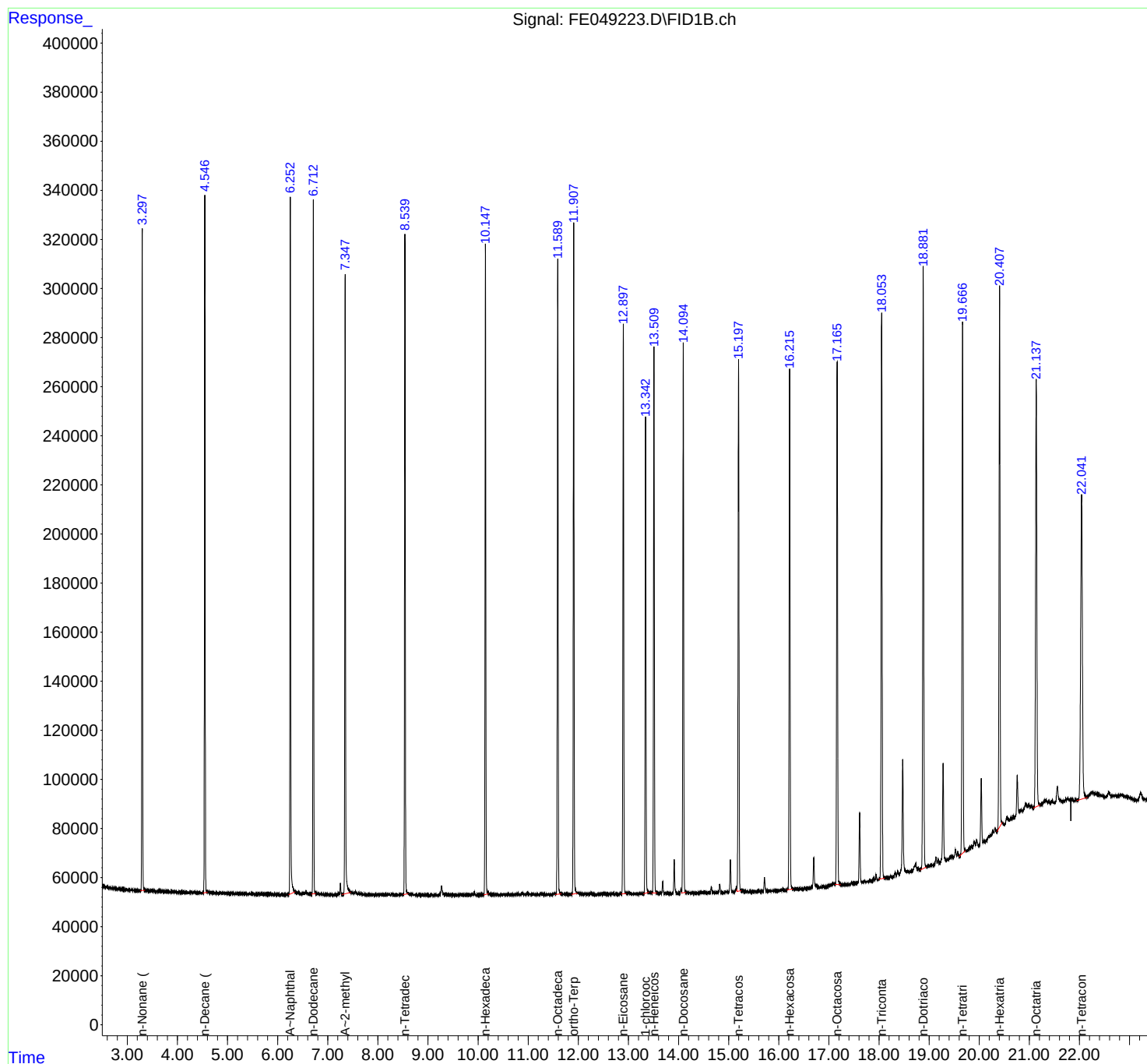
(m)=manual int.

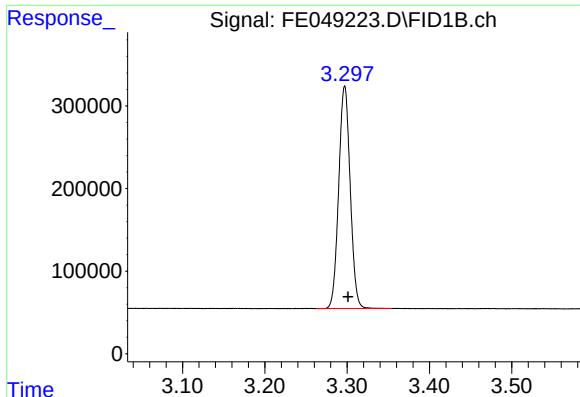
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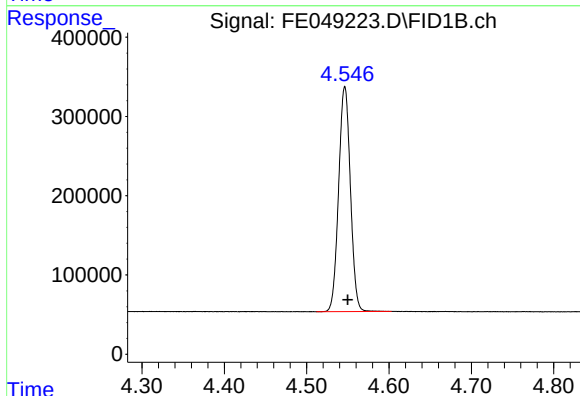




#1 n-Nonane (C9)

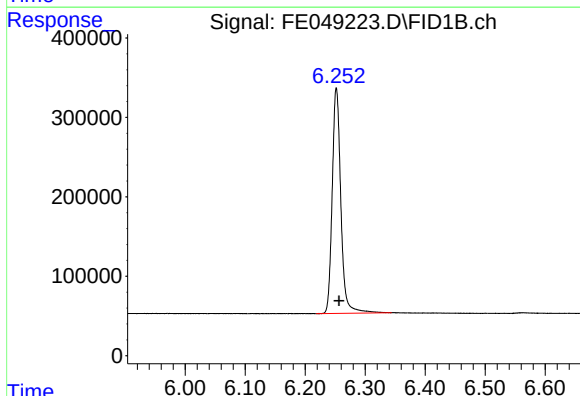
R.T.: 3.297 min
Delta R.T.: -0.004 min
Response: 2617034
Conc: 17.40 ug/ml

Instrument :
FID_E
ClientSampleId :



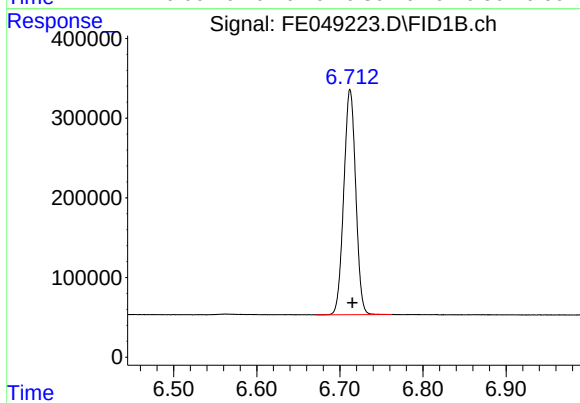
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.003 min
Response: 2815521
Conc: 18.23 ug/ml



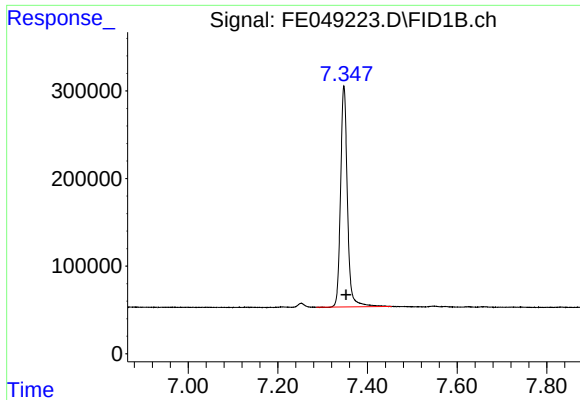
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min
Delta R.T.: -0.005 min
Response: 2838495
Conc: 18.22 ug/ml



#4 n-Dodecane (C12)

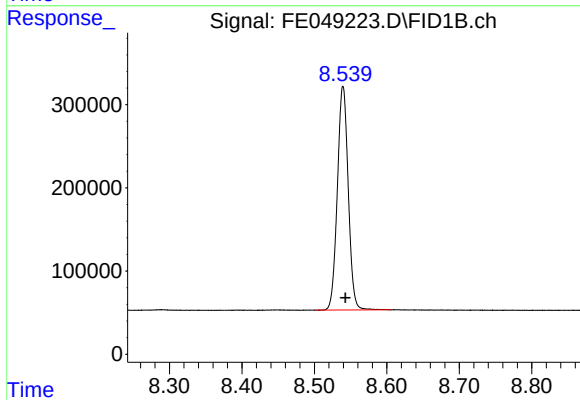
R.T.: 6.712 min
Delta R.T.: -0.003 min
Response: 2821778
Conc: 18.33 ug/ml



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

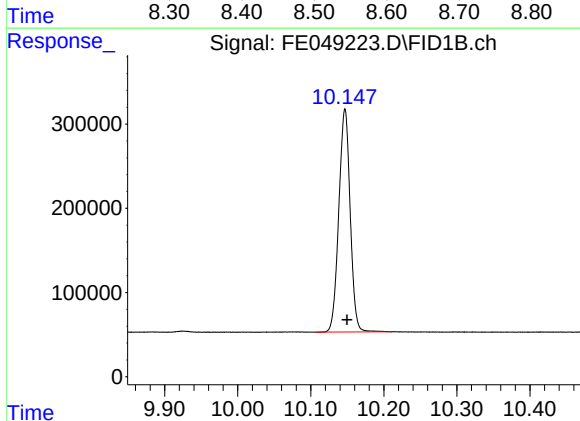
R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 2680577
Conc: 18.42 ug/ml

Instrument :
FID_E
ClientSampleId :



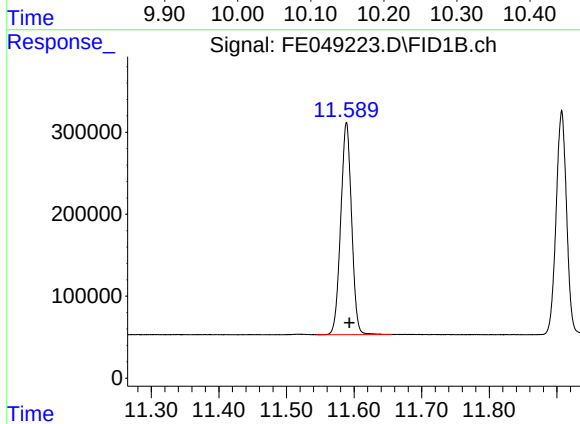
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.004 min
Response: 2806403
Conc: 18.49 ug/ml



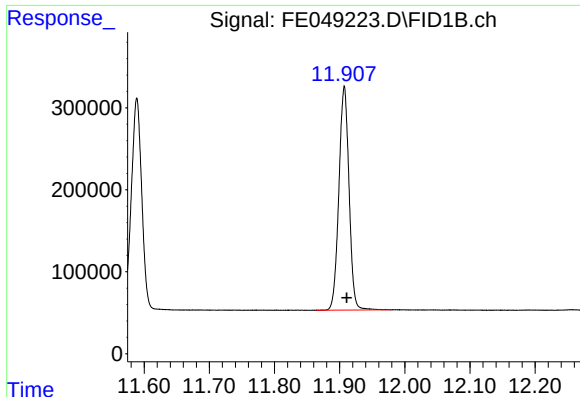
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.003 min
Response: 2861129
Conc: 18.87 ug/ml



#8 n-Octadecane (C18)

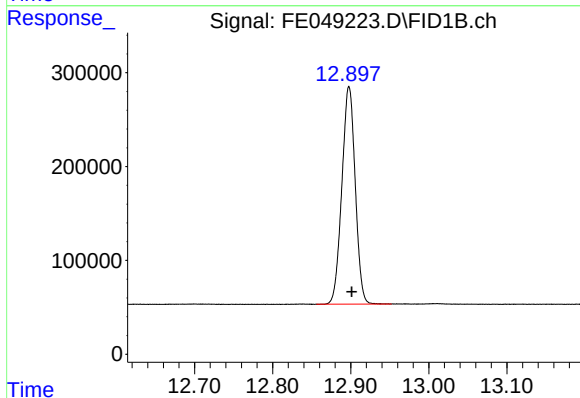
R.T.: 11.589 min
Delta R.T.: -0.004 min
Response: 2883797
Conc: 18.99 ug/ml



#9 ortho-Terphenyl (SURR)

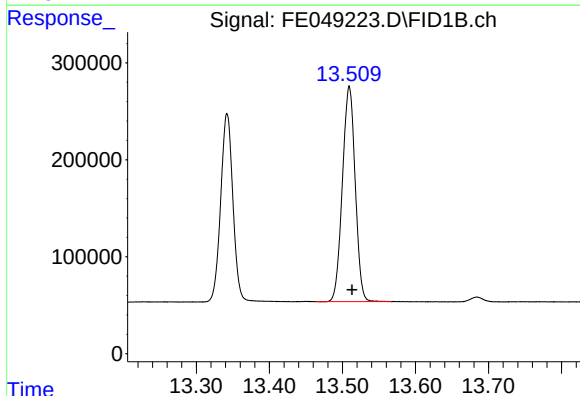
R.T.: 11.907 min
Delta R.T.: -0.003 min
Response: 2949851
Conc: 19.02 ug/ml

Instrument :
FID_E
ClientSampleId :



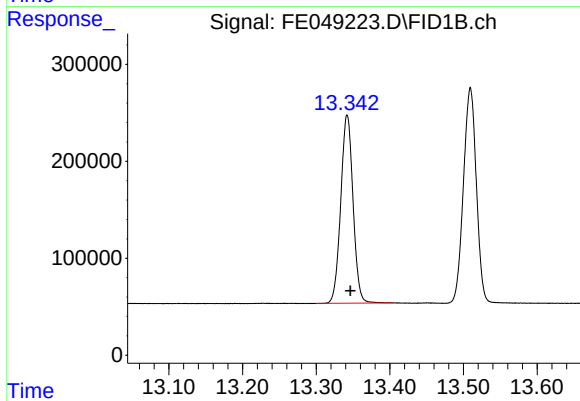
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.003 min
Response: 2761392
Conc: 19.10 ug/ml



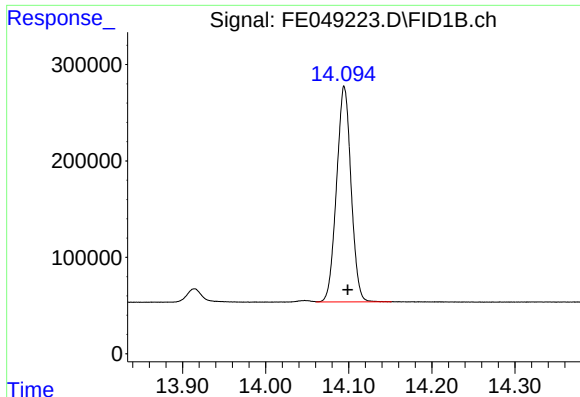
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.004 min
Response: 2705822
Conc: 19.08 ug/ml



#12 1-chlorooctadecane (SURR)

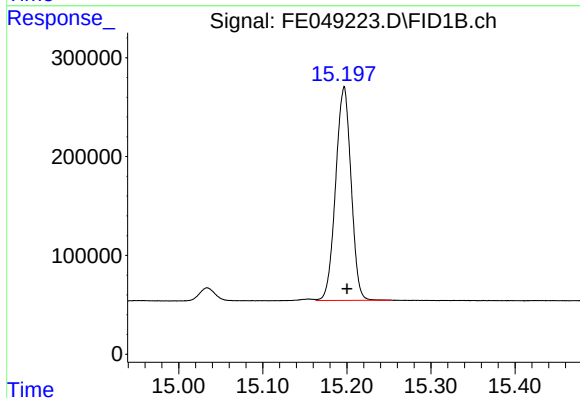
R.T.: 13.342 min
Delta R.T.: -0.004 min
Response: 2249605
Conc: 19.25 ug/ml



#13 n-Docosane (C22)

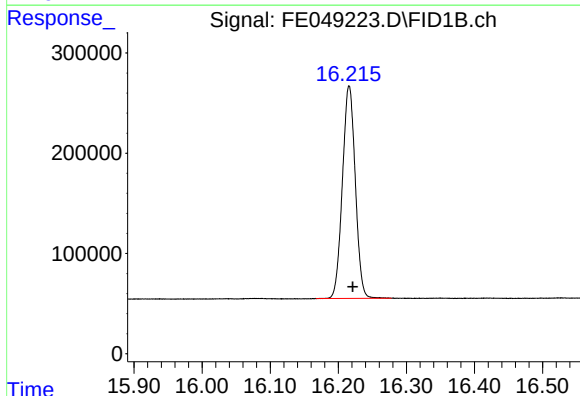
R.T.: 14.095 min
Delta R.T.: -0.004 min
Response: 2709745
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :



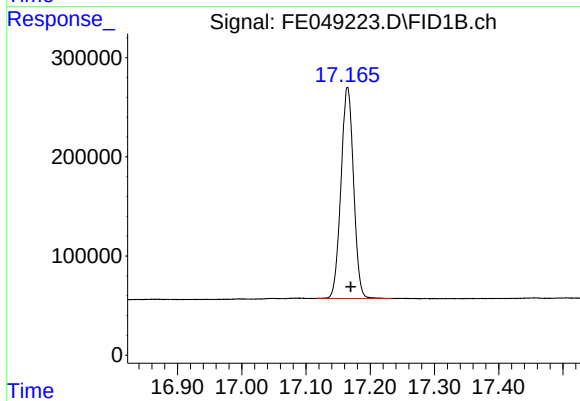
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.004 min
Response: 2759402
Conc: 19.69 ug/ml



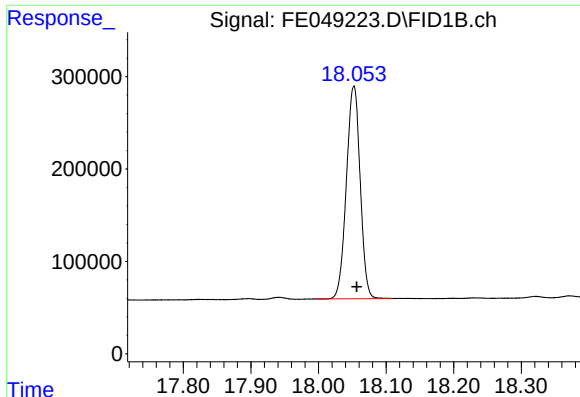
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: -0.005 min
Response: 2789961
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

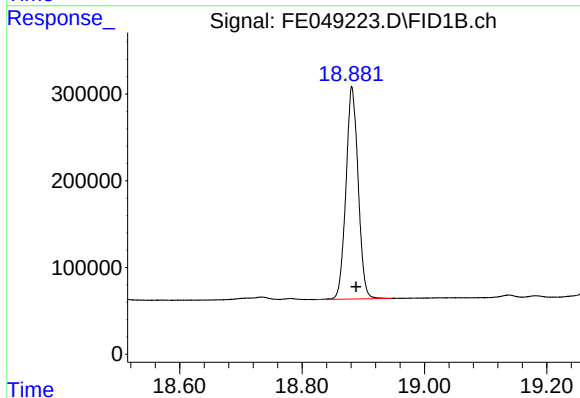
R.T.: 17.165 min
Delta R.T.: -0.005 min
Response: 2908969
Conc: 20.78 ug/ml



#17 n-Tricontane (C30)

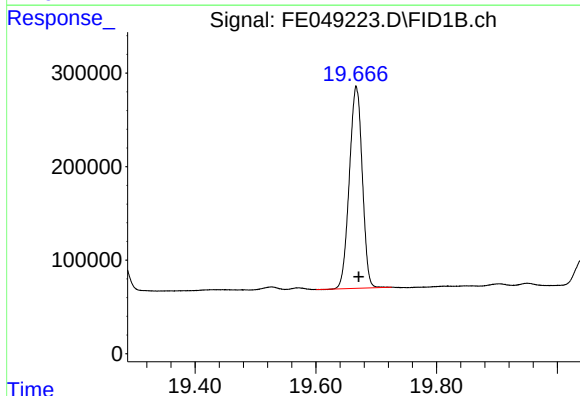
R.T.: 18.052 min
Delta R.T.: -0.004 min
Response: 3264836
Conc: 22.38 ug/ml

Instrument :
FID_E
ClientSampleId :



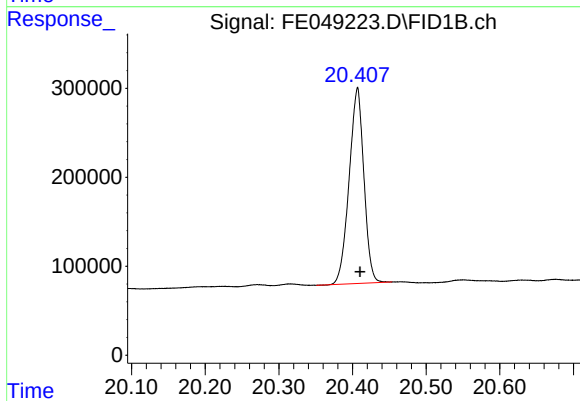
#18 n-Dotriacontane (C32)

R.T.: 18.881 min
Delta R.T.: -0.007 min
Response: 3390047
Conc: 23.06 ug/ml



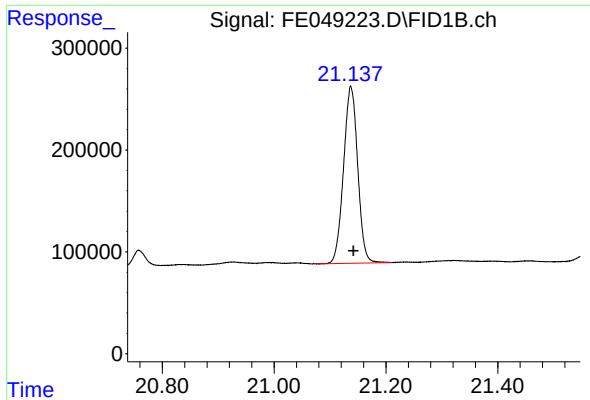
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: -0.004 min
Response: 3209964
Conc: 21.98 ug/ml



#20 n-Hexatriacontane (C36)

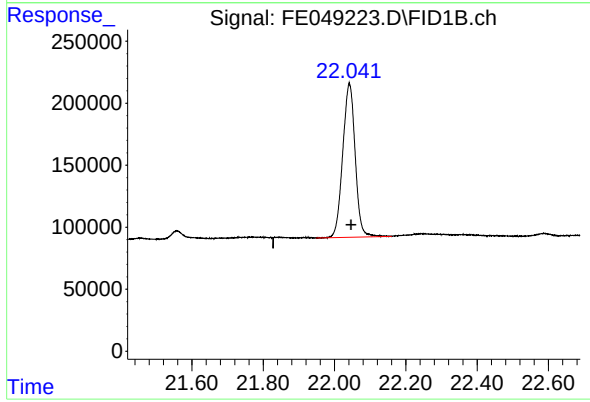
R.T.: 20.407 min
Delta R.T.: -0.004 min
Response: 3056673
Conc: 21.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.137 min
Delta R.T.: -0.005 min
Response: 3049787
Conc: 20.37 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: -0.005 min
Response: 2995703
Conc: 19.85 ug/ml