

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054392.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 20:23
 Operator : YP\AJ
 Sample : Q2310-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-7MS

Integration File: autoint1.e
 Quant Time: Jun 14 00:04:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.824	5843783	35.366 ug/ml
Spiked Amount 50.000		Recovery =	70.73%
12) S 1-chlorooctadecane (S...	13.268	4509628	36.980 ug/ml
Spiked Amount 50.000		Recovery =	73.96%
Target Compounds			
1) T n-Nonane (C9)	3.174	3396141	27.349 ug/ml
2) T n-Decane (C10)	4.437	3700966	29.786 ug/ml
3) T A~Naphthalene (C11.7)	6.150	4839371	35.810 ug/ml
4) T n-Dodecane (C12)	6.618	4108612	32.267 ug/ml
5) T A~2-methylnaphthalene...	7.253	4649303	35.101 ug/ml
6) T n-Tetradecane (C14)	8.453	4510852	34.842 ug/ml
7) T n-Hexadecane (C16)	10.064	5023030	37.813 ug/ml
8) T n-Octadecane (C18)	11.511	5346935	39.597 ug/ml
10) T n-Eicosane (C20)	12.824	5670962	42.391 ug/ml
11) T n-Heneicosane (C21)	13.437	5453311	41.012 ug/ml
13) T n-Docosane (C22)	14.023	5439422	41.484 ug/ml
14) T n-Tetracosane (C24)	15.123	11803529	91.504 ug/ml
15) T n-Hexacosane (C26)	16.152	5324789	42.419 ug/ml
16) T n-Octacosane (C28)	17.102	4475748	36.498 ug/ml
17) T n-Tricontane (C30)	17.993	5154196	41.585 ug/ml
18) T n-Dotriacontane (C32)	18.824	5173220	41.174 ug/ml
19) T n-Tetratriacontane (C34)	19.609	5190492	41.722 ug/ml
20) T n-Hexatriacontane (C36)	20.350	5164940	40.122 ug/ml
21) T n-Octatriacontane (C38)	21.077	5246583	39.734 ug/ml
22) T n-Tetracontane (C40)	21.963	4865207	36.117 ug/ml

(f)=RT Delta > 1/2 Window

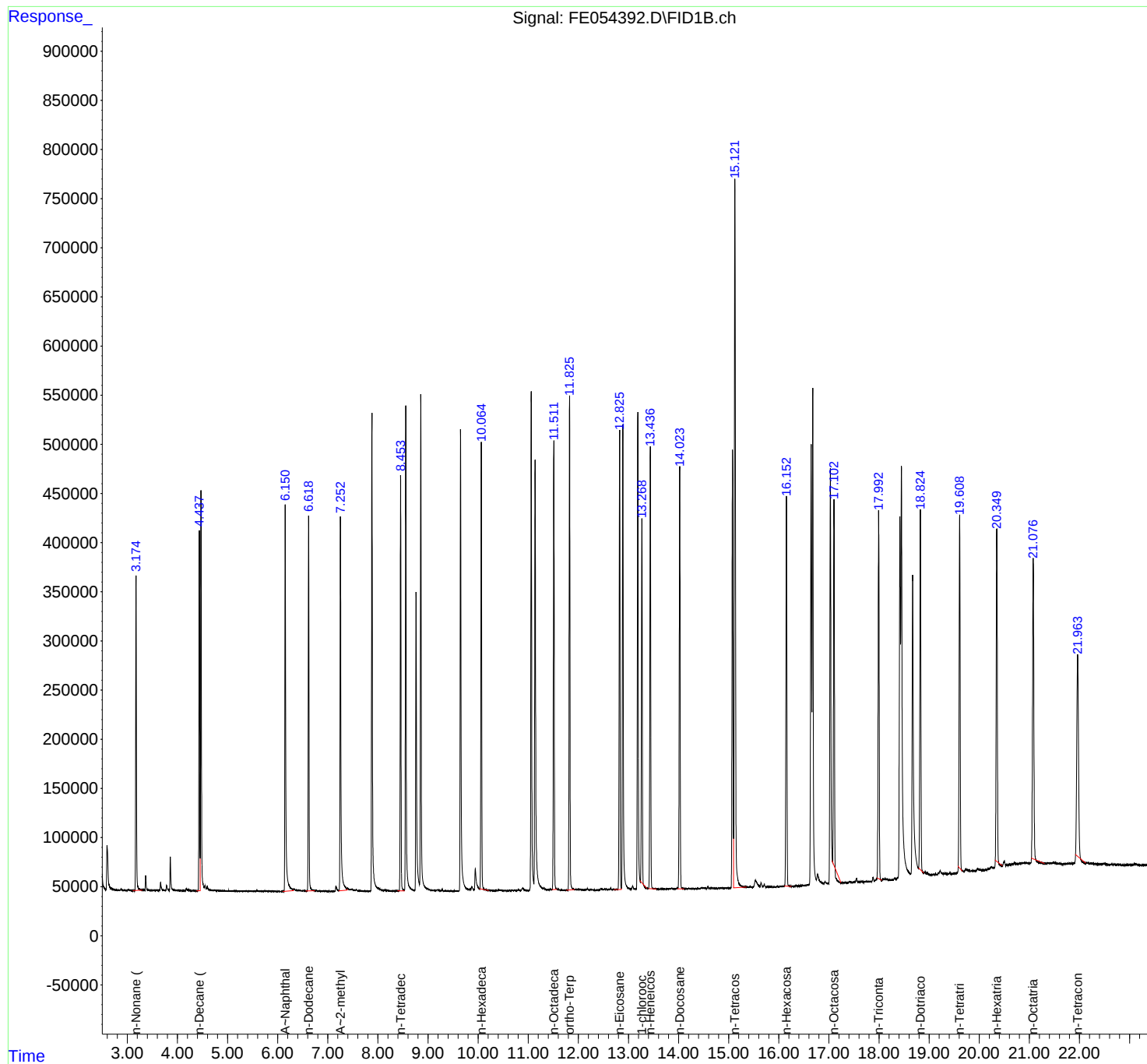
(m)=manual int.

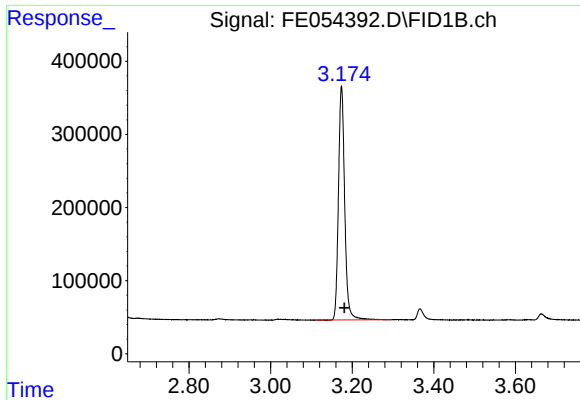
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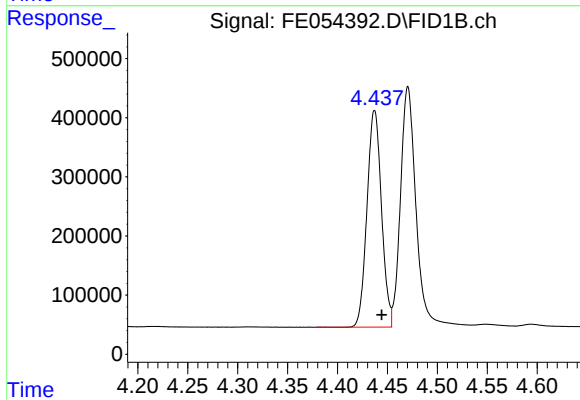




#1 n-Nonane (C9)

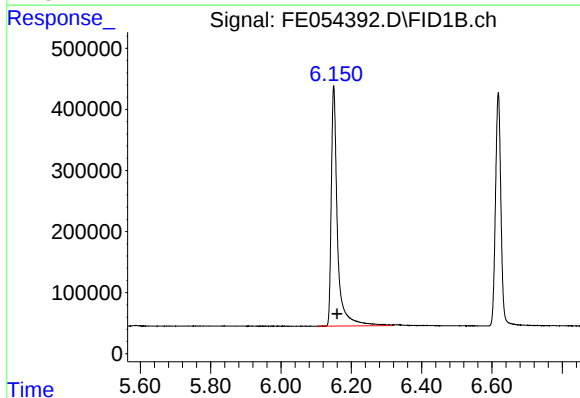
R.T.: 3.174 min
Delta R.T.: -0.007 min
Response: 3396141
Conc: 27.35 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-7MS



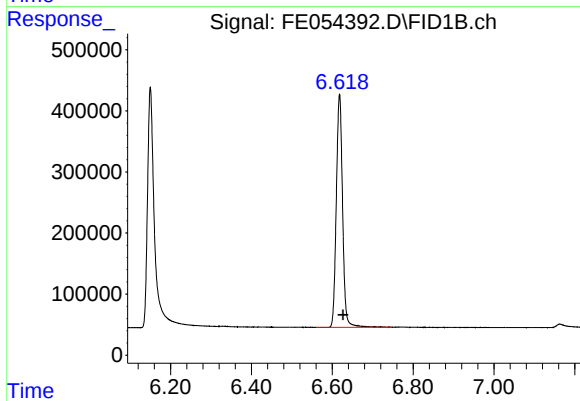
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.007 min
Response: 3700966
Conc: 29.79 ug/ml



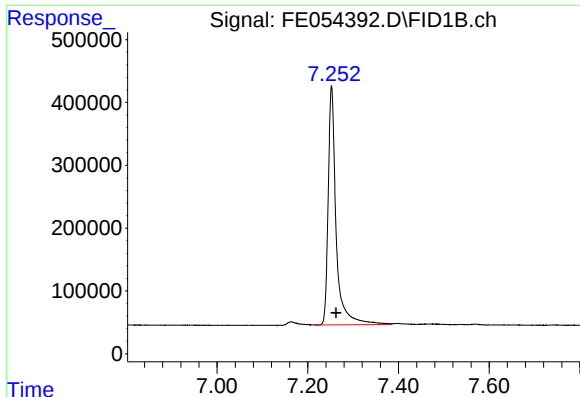
#3 A~Naphthalene (C11.7)

R.T.: 6.150 min
Delta R.T.: -0.010 min
Response: 4839371
Conc: 35.81 ug/ml



#4 n-Dodecane (C12)

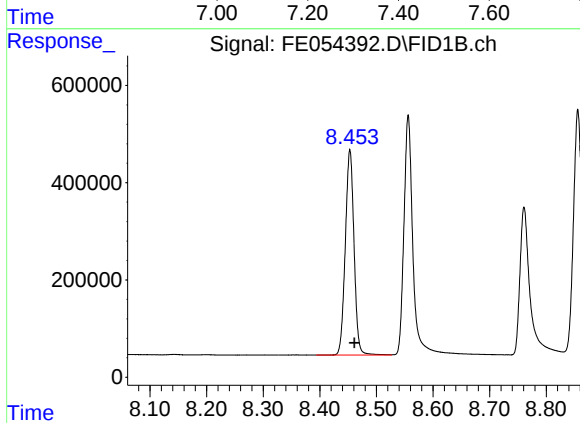
R.T.: 6.618 min
Delta R.T.: -0.009 min
Response: 4108612
Conc: 32.27 ug/ml



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

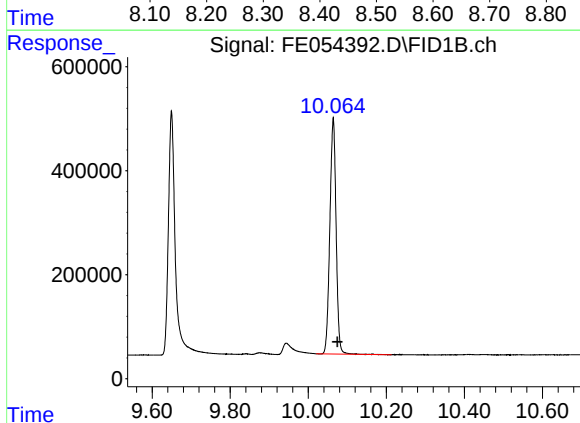
R.T.: 7.253 min
Delta R.T.: -0.010 min
Response: 4649303
Conc: 35.10 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-7MS



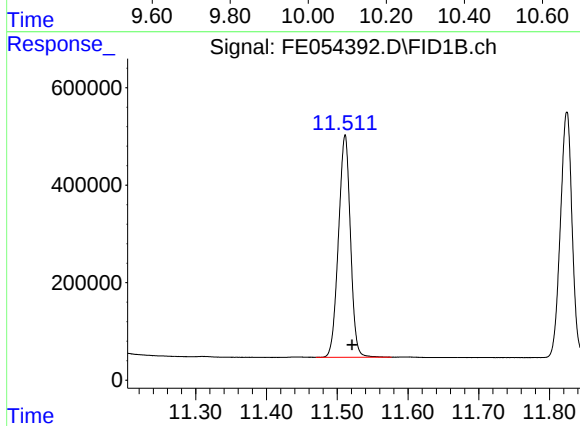
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.008 min
Response: 4510852
Conc: 34.84 ug/ml



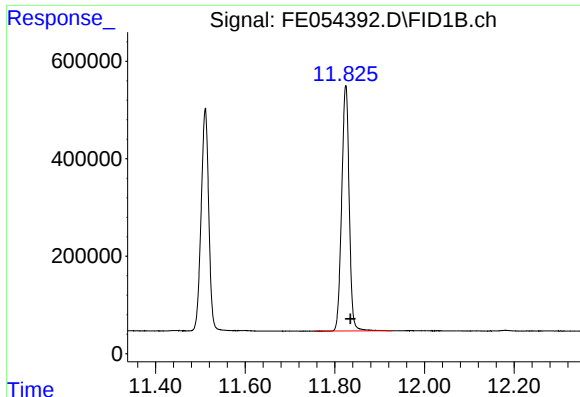
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.011 min
Response: 5023030
Conc: 37.81 ug/ml



#8 n-Octadecane (C18)

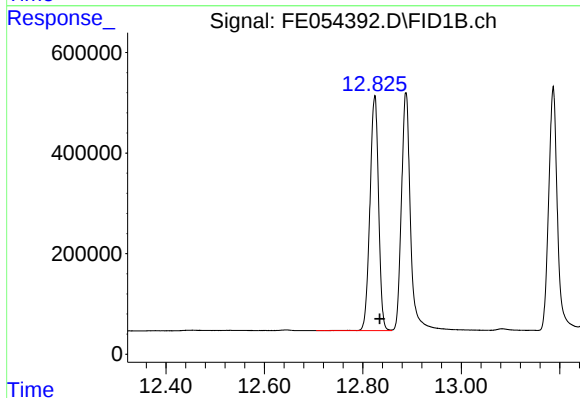
R.T.: 11.511 min
Delta R.T.: -0.010 min
Response: 5346935
Conc: 39.60 ug/ml



#9 ortho-Terphenyl (SURR)

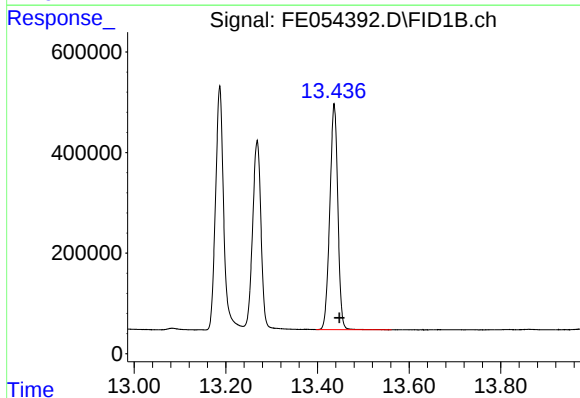
R.T.: 11.824 min
Delta R.T.: -0.011 min
Response: 5843783
Conc: 35.37 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-7MS



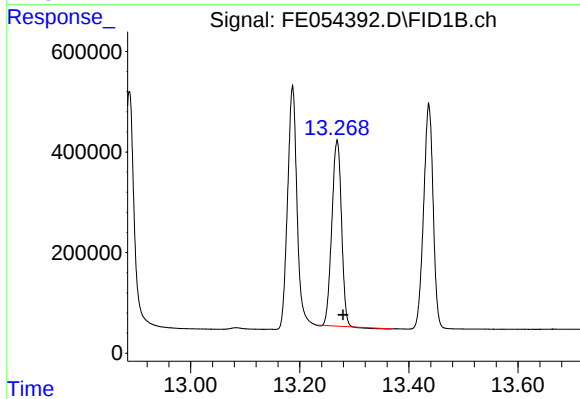
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.011 min
Response: 5670962
Conc: 42.39 ug/ml



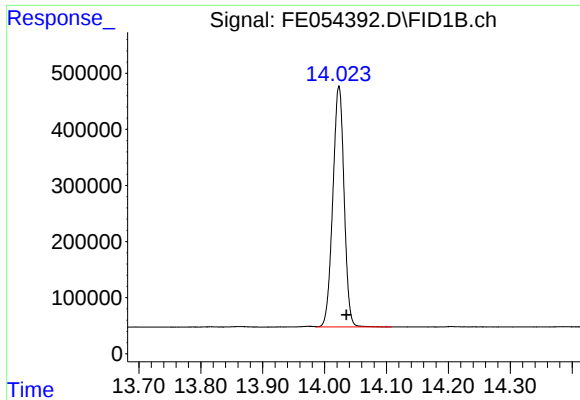
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.011 min
Response: 5453311
Conc: 41.01 ug/ml



#12 1-chlorooctadecane (SURR)

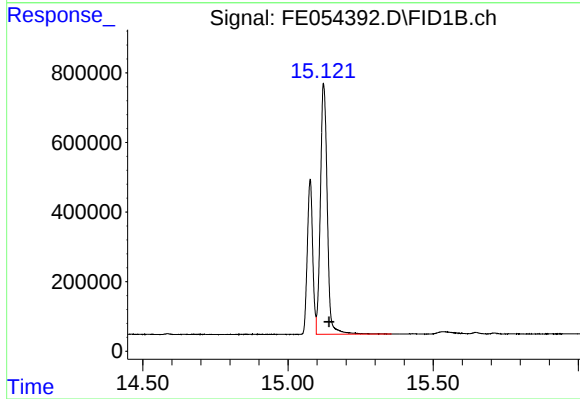
R.T.: 13.268 min
Delta R.T.: -0.011 min
Response: 4509628
Conc: 36.98 ug/ml



#13 n-Docosane (C22)

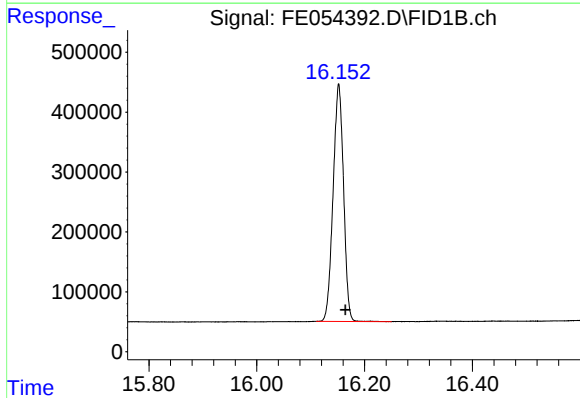
R.T.: 14.023 min
Delta R.T.: -0.012 min
Response: 5439422
Conc: 41.48 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-7MS



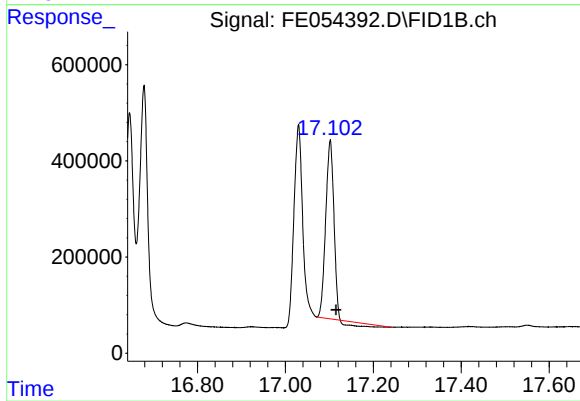
#14 n-Tetracosane (C24)

R.T.: 15.123 min
Delta R.T.: -0.019 min
Response: 11803529
Conc: 91.50 ug/ml



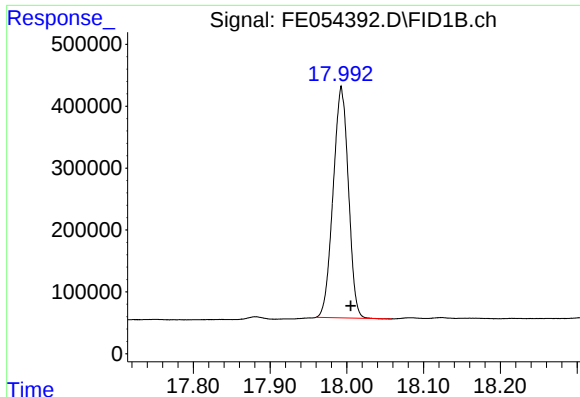
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 5324789
Conc: 42.42 ug/ml



#16 n-Octacosane (C28)

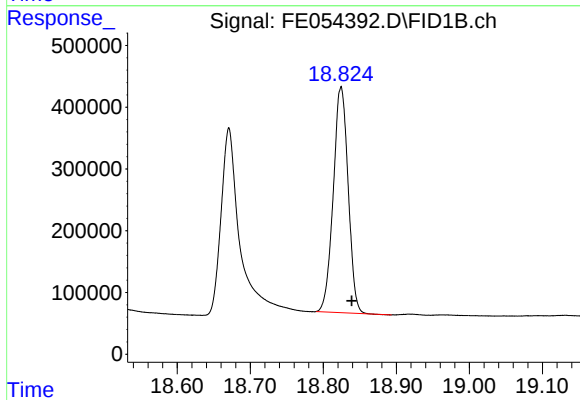
R.T.: 17.102 min
Delta R.T.: -0.013 min
Response: 4475748
Conc: 36.50 ug/ml



#17 n-Tricontane (C30)

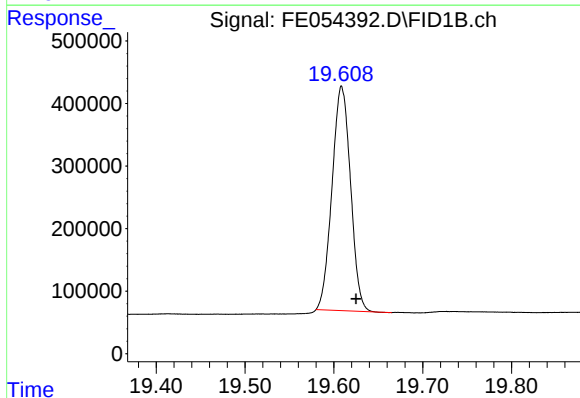
R.T.: 17.993 min
Delta R.T.: -0.012 min
Response: 5154196
Conc: 41.59 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-7MS



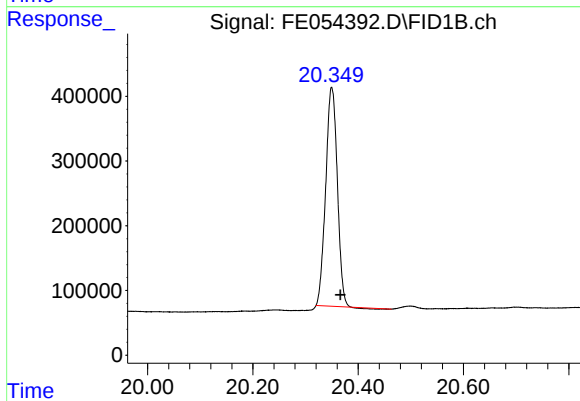
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.015 min
Response: 5173220
Conc: 41.17 ug/ml



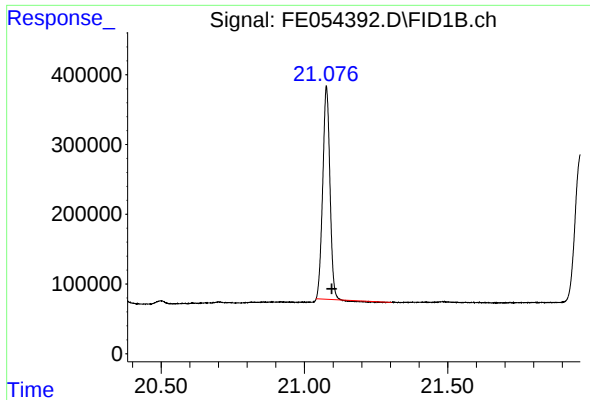
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.016 min
Response: 5190492
Conc: 41.72 ug/ml



#20 n-Hexatriacontane (C36)

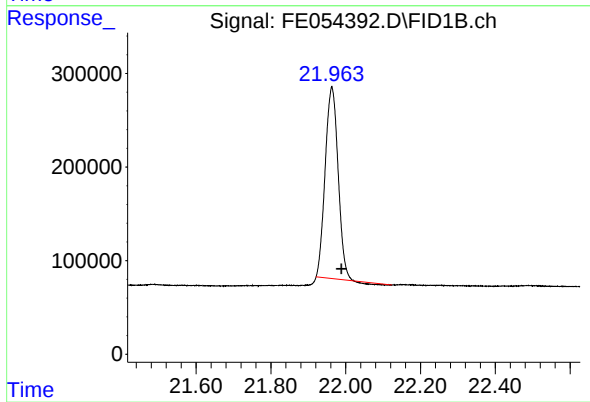
R.T.: 20.350 min
Delta R.T.: -0.016 min
Response: 5164940
Conc: 40.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: -0.019 min
Response: 5246583
Conc: 39.73 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-7MS



#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.025 min
Response: 4865207
Conc: 36.12 ug/ml