

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061825AL\
 Data File : FE054491.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jun 2025 19:30
 Operator : YP\AJ
 Sample : Q2347-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-10MSD

Integration File: autoint1.e
 Quant Time: Jun 19 01:37:01 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	6047855	36.601 ug/ml
Spiked Amount 50.000		Recovery =	73.20%
12) S 1-chlorooctadecane (S...	13.268	4555913	37.359 ug/ml
Spiked Amount 50.000		Recovery =	74.72%
Target Compounds			
1) T n-Nonane (C9)	3.174	3723833	29.987 ug/ml
2) T n-Decane (C10)	4.436	4021548	32.366 ug/ml
3) T A~Naphthalene (C11.7)	6.149	5230099	38.701 ug/ml
4) T n-Dodecane (C12)	6.617	4458267	35.013 ug/ml
5) T A~2-methylnaphthalene...	7.251	4953321	37.397 ug/ml
6) T n-Tetradecane (C14)	8.453	4898684	37.838 ug/ml
7) T n-Hexadecane (C16)	10.064	5355865	40.319 ug/ml
8) T n-Octadecane (C18)	11.511	5572864	41.270 ug/ml
10) T n-Eicosane (C20)	12.824	5804126	43.387 ug/ml
11) T n-Heneicosane (C21)	13.437	5540267	41.666 ug/ml
13) T n-Docosane (C22)	14.023	5505238	41.986 ug/ml
14) T n-Tetracosane (C24)	15.124	11898176	92.238 ug/ml
15) T n-Hexacosane (C26)	16.153	5278042	42.046 ug/ml
16) T n-Octacosane (C28)	17.103	3946724	32.184 ug/ml
17) T n-Tricontane (C30)	17.994	5192210	41.892 ug/ml
18) T n-Dotriacontane (C32)	18.826	5230453	41.629 ug/ml
19) T n-Tetratriacontane (C34)	19.610	5315465	42.727 ug/ml
20) T n-Hexatriacontane (C36)	20.352	5407960	42.010 ug/ml
21) T n-Octatriacontane (C38)	21.079	5740169	43.472 ug/ml
22) T n-Tetracontane (C40)	21.966	5371002	39.872 ug/ml

(f)=RT Delta > 1/2 Window

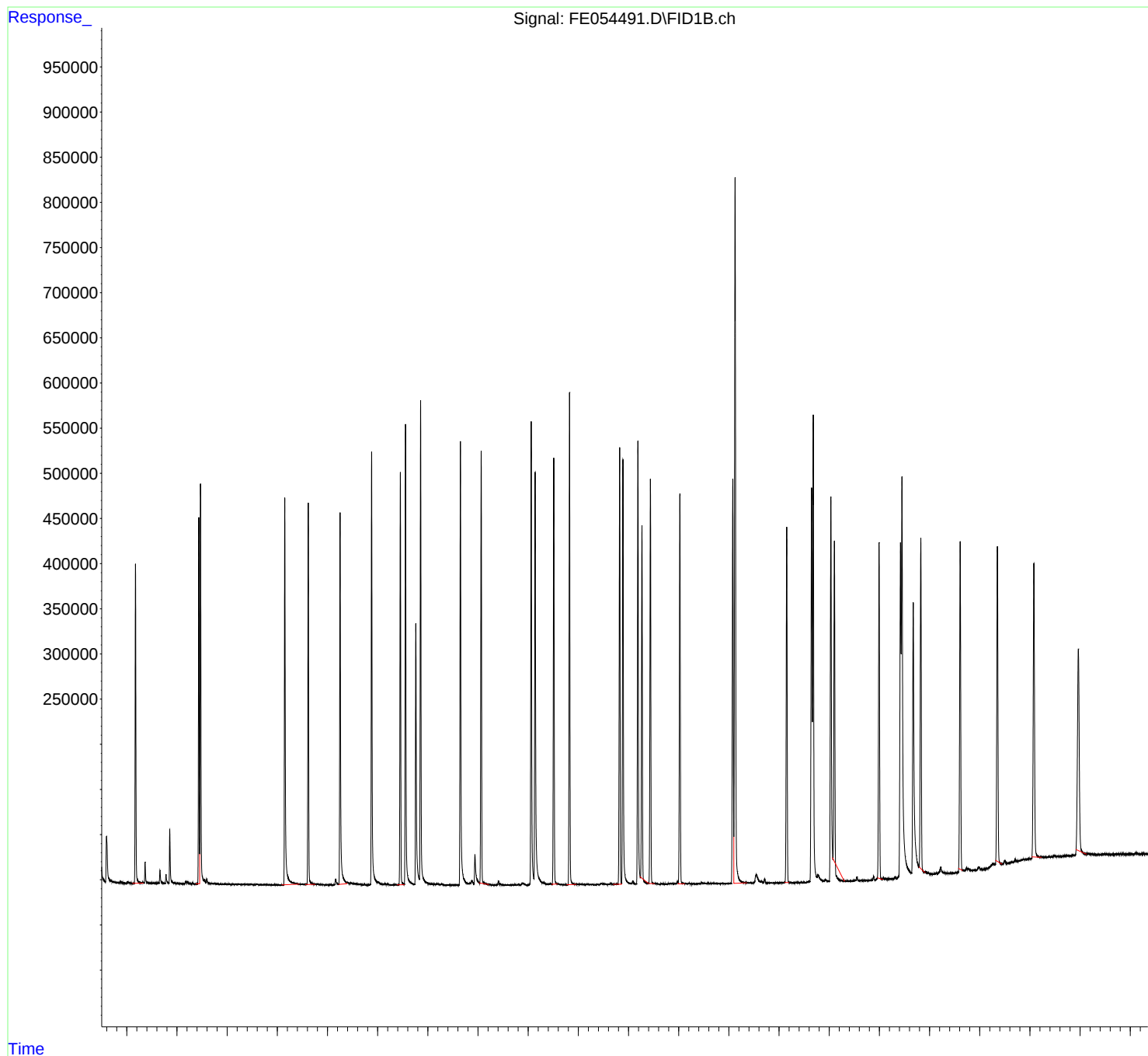
(m)=manual int.

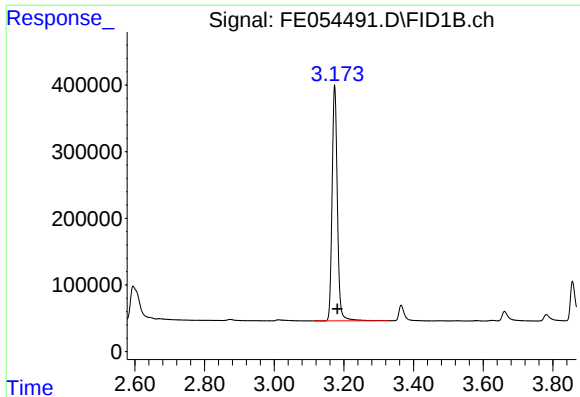
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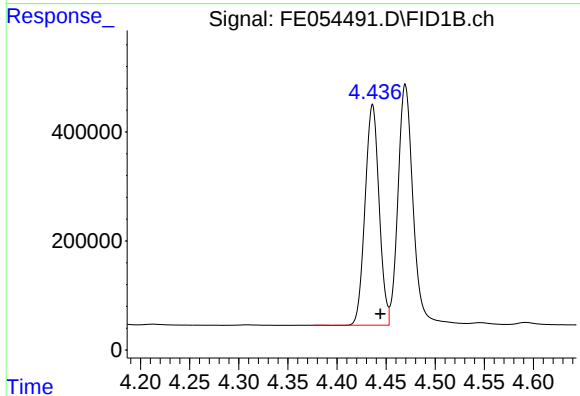




#1 n-Nonane (C9)

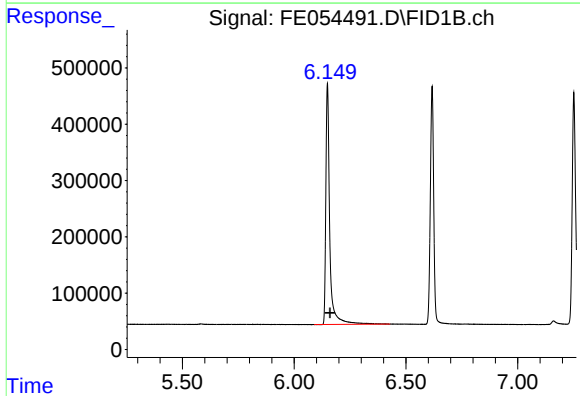
R.T.: 3.174 min
Delta R.T.: -0.007 min
Response: 3723833
Conc: 29.99 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-10MSD



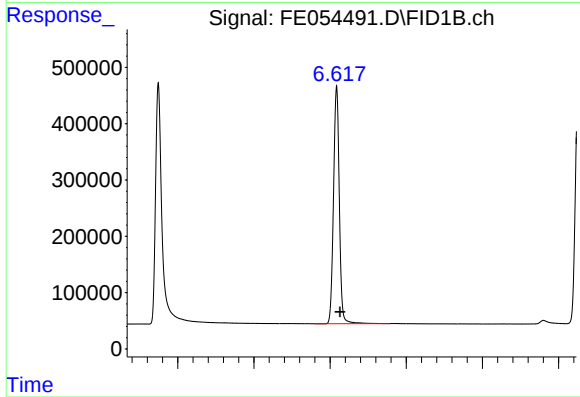
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: -0.008 min
Response: 4021548
Conc: 32.37 ug/ml



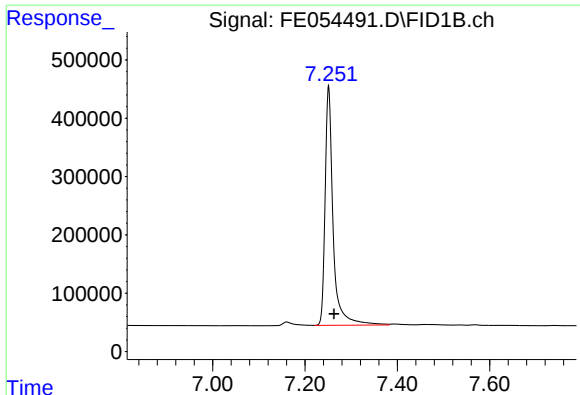
#3 A~Naphthalene (C11.7)

R.T.: 6.149 min
Delta R.T.: -0.011 min
Response: 5230099
Conc: 38.70 ug/ml



#4 n-Dodecane (C12)

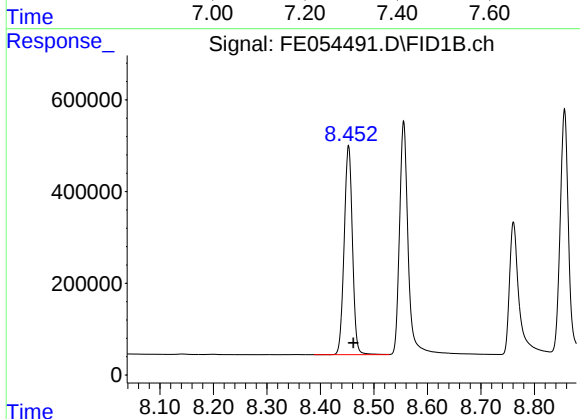
R.T.: 6.617 min
Delta R.T.: -0.010 min
Response: 4458267
Conc: 35.01 ug/ml



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

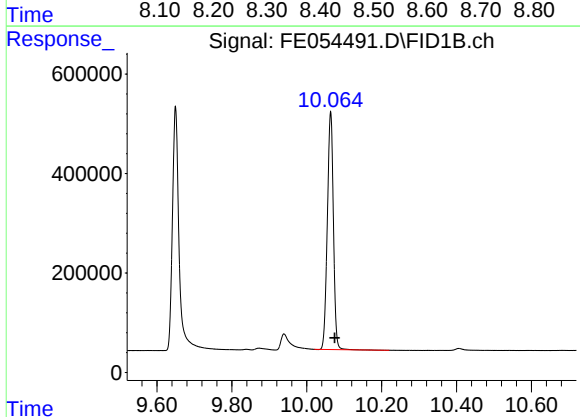
R.T.: 7.251 min
Delta R.T.: -0.011 min
Response: 4953321
Conc: 37.40 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-10MSD



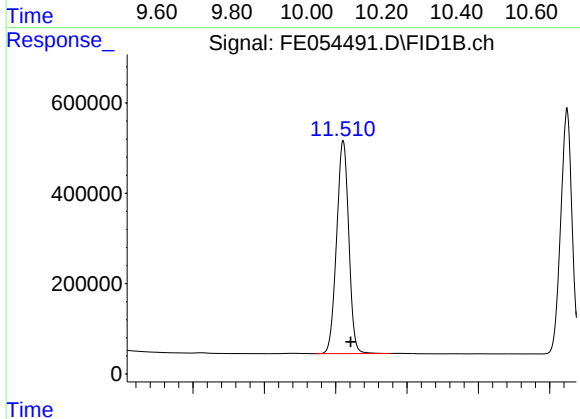
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.009 min
Response: 4898684
Conc: 37.84 ug/ml



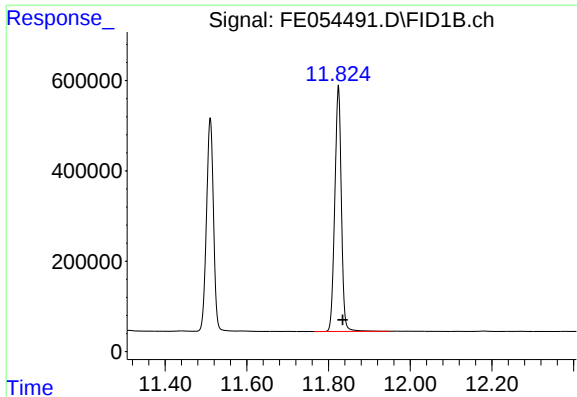
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.011 min
Response: 5355865
Conc: 40.32 ug/ml



#8 n-Octadecane (C18)

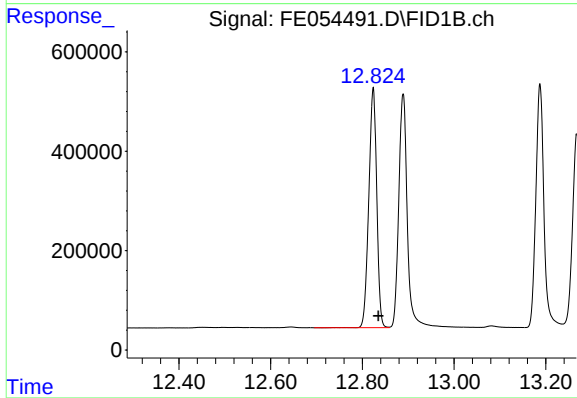
R.T.: 11.511 min
Delta R.T.: -0.011 min
Response: 5572864
Conc: 41.27 ug/ml



#9 ortho-Terphenyl (SURR)

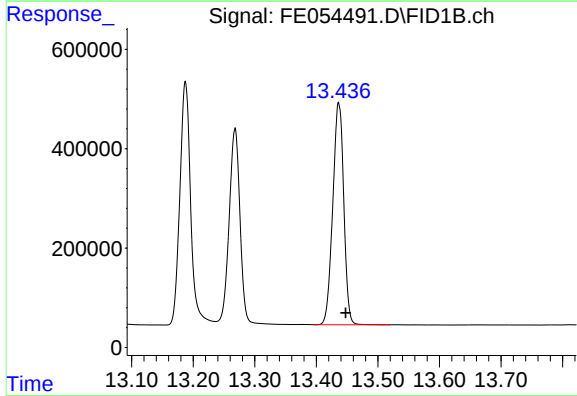
R.T.: 11.824 min
Delta R.T.: -0.011 min
Response: 6047855
Conc: 36.60 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-10MSD



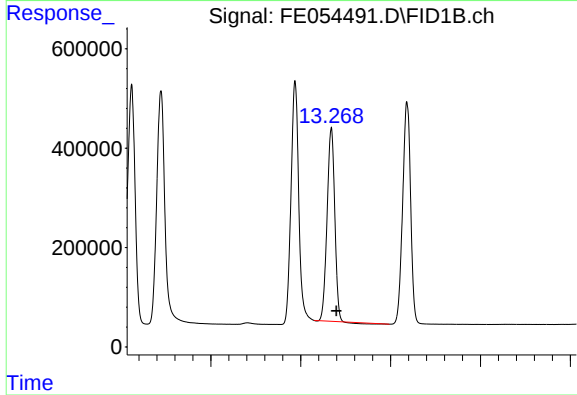
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.011 min
Response: 5804126
Conc: 43.39 ug/ml



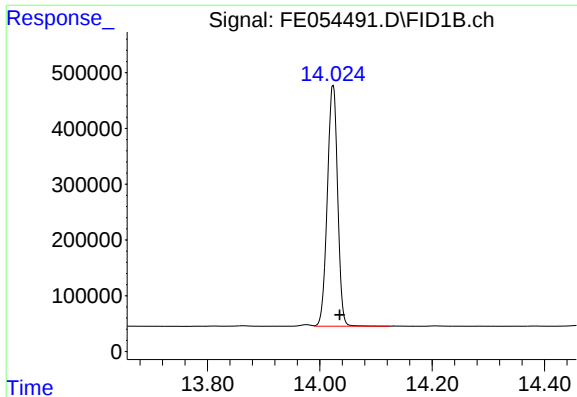
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.011 min
Response: 5540267
Conc: 41.67 ug/ml



#12 1-chlorooctadecane (SURR)

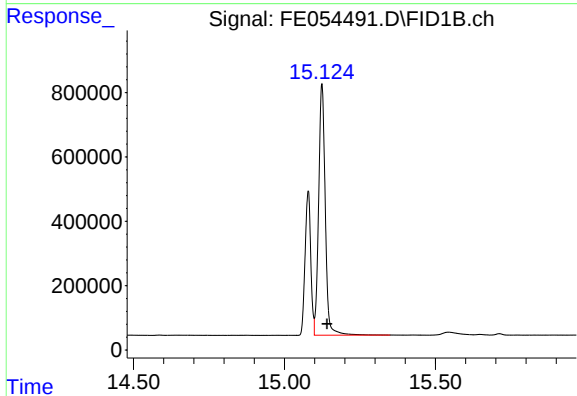
R.T.: 13.268 min
Delta R.T.: -0.012 min
Response: 4555913
Conc: 37.36 ug/ml



#13 n-Docosane (C22)

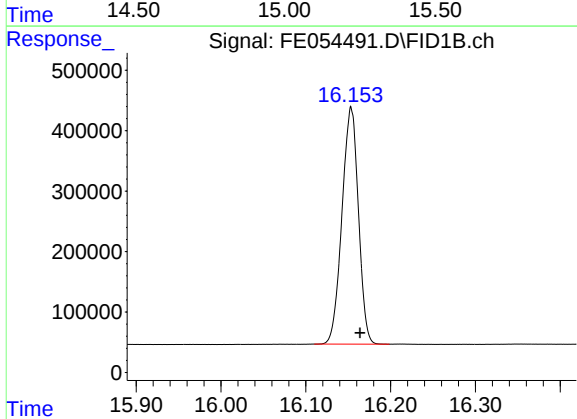
R.T.: 14.023 min
Delta R.T.: -0.012 min
Response: 5505238
Conc: 41.99 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-10MSD



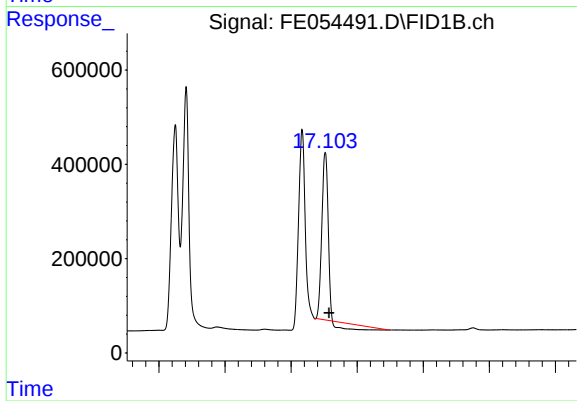
#14 n-Tetracosane (C24)

R.T.: 15.124 min
Delta R.T.: -0.017 min
Response: 11898176
Conc: 92.24 ug/ml



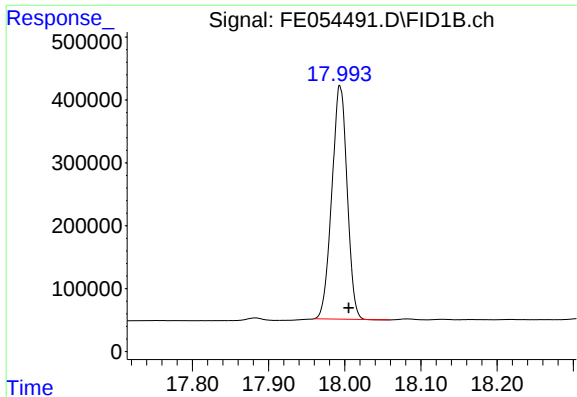
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 5278042
Conc: 42.05 ug/ml



#16 n-Octacosane (C28)

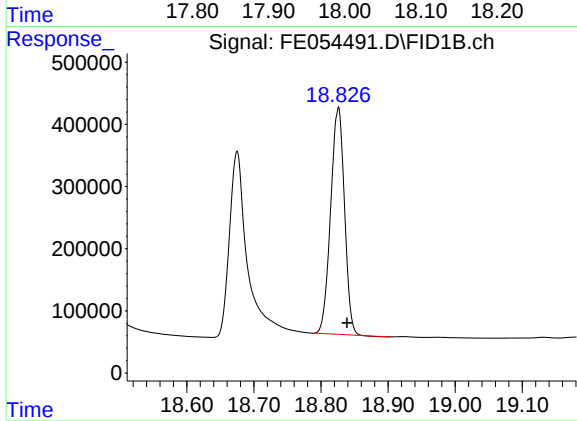
R.T.: 17.103 min
Delta R.T.: -0.012 min
Response: 3946724
Conc: 32.18 ug/ml



#17 n-Tricontane (C30)

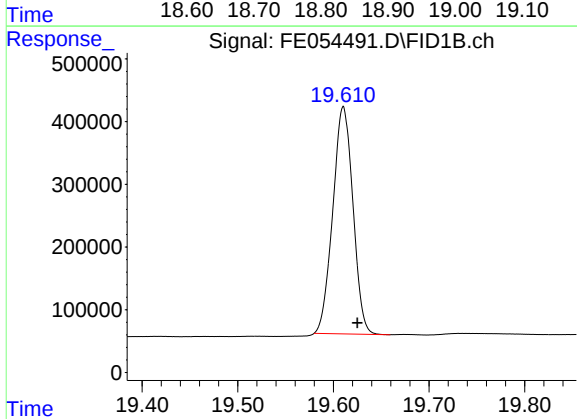
R.T.: 17.994 min
Delta R.T.: -0.011 min
Response: 5192210
Conc: 41.89 ug/ml

Instrument :
FID_E
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TP-10MSD



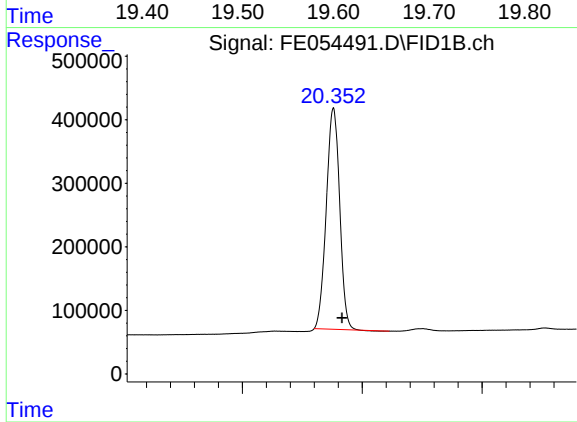
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.013 min
Response: 5230453
Conc: 41.63 ug/ml



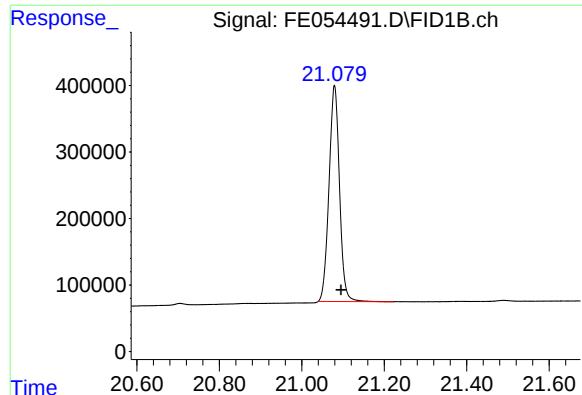
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.015 min
Response: 5315465
Conc: 42.73 ug/ml



#20 n-Hexatriacontane (C36)

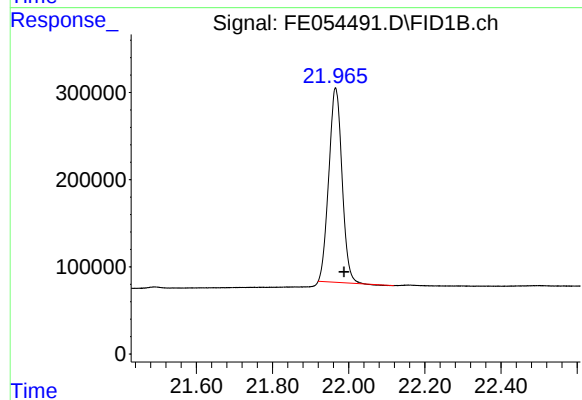
R.T.: 20.352 min
Delta R.T.: -0.014 min
Response: 5407960
Conc: 42.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.016 min
Response: 5740169
Conc: 43.47 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-10MSD



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.023 min
Response: 5371002
Conc: 39.87 ug/ml