

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032825AL\
 Data File : FE053045.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2025 15:37
 Operator : YP\AJ
 Sample : PB167363BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167363BSD

Integration File: autoint1.e
 Quant Time: Mar 28 22:54:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.899	6590811	39.095 ug/ml
Spiked Amount 50.000		Recovery =	78.19%
12) S 1-chlorooctadecane (S...	13.343	5025544	41.388 ug/ml
Spiked Amount 50.000		Recovery =	82.78%
Target Compounds			
1) T n-Nonane (C9)	3.251	5471531	35.289 ug/ml
2) T n-Decane (C10)	4.509	5920224	37.685 ug/ml
3) T A~Naphthalene (C11.7)	6.217	6747905	39.789 ug/ml
4) T n-Dodecane (C12)	6.685	6329452	40.652 ug/ml
5) T A~2-methylnaphthalene...	7.319	6189514	38.193 ug/ml
6) T n-Tetradecane (C14)	8.522	6296833	41.616 ug/ml
7) T n-Hexadecane (C16)	10.135	6284817	41.107 ug/ml
8) T n-Octadecane (C18)	11.583	6106368	40.136 ug/ml
10) T n-Eicosane (C20)	12.898	6125602	42.195 ug/ml
11) T n-Heneicosane (C21)	13.512	5816085	40.864 ug/ml
13) T n-Docosane (C22)	14.100	5730988	40.271 ug/ml
14) T n-Tetracosane (C24)	15.194	11741632	82.047 ug/ml
15) T n-Hexacosane (C26)	16.231	5552176	39.046 ug/ml
16) T n-Octacosane (C28)	17.182	5697532	40.068 ug/ml
17) T n-Tricontane (C30)	18.073	5687103	38.504 ug/ml
18) T n-Dotriacontane (C32)	18.906	5735790	39.508 ug/ml
19) T n-Tetratriacontane (C34)	19.692	5990197	44.445 ug/ml
20) T n-Hexatriacontane (C36)	20.433	5776049	48.610 ug/ml
21) T n-Octatriacontane (C38)	21.172	5975645	53.866 ug/ml
22) T n-Tetracontane (C40)	22.089	5533565	51.182 ug/ml

(f)=RT Delta > 1/2 Window

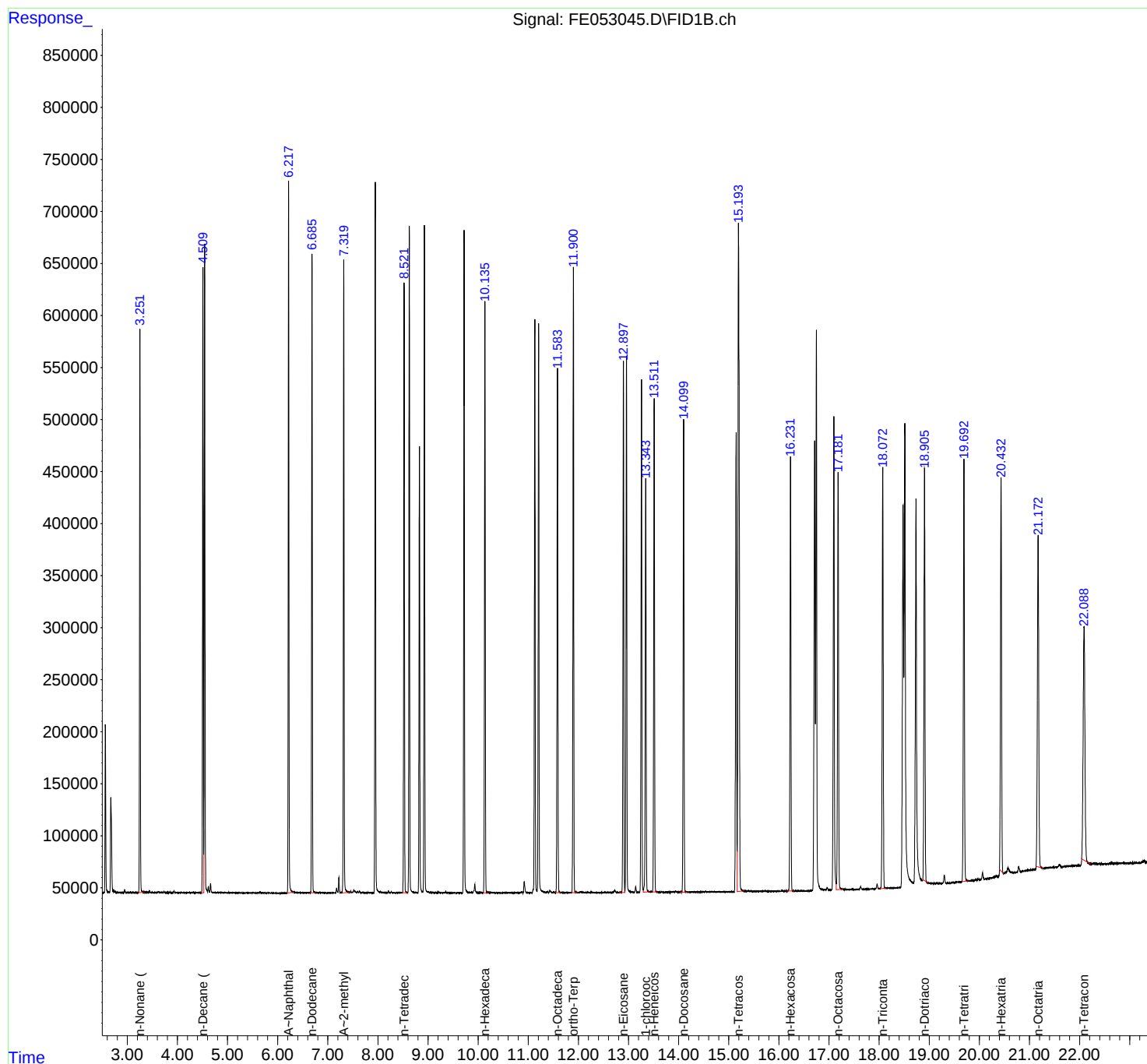
(m)=manual int.

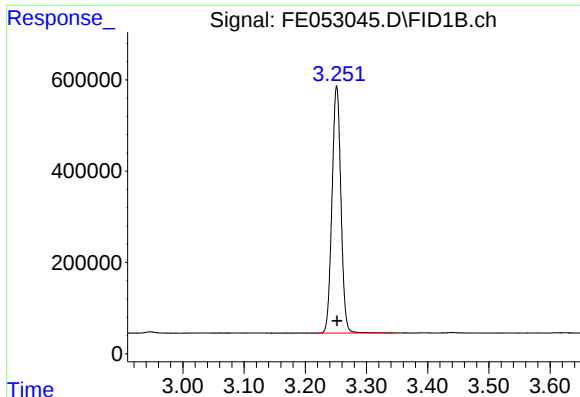
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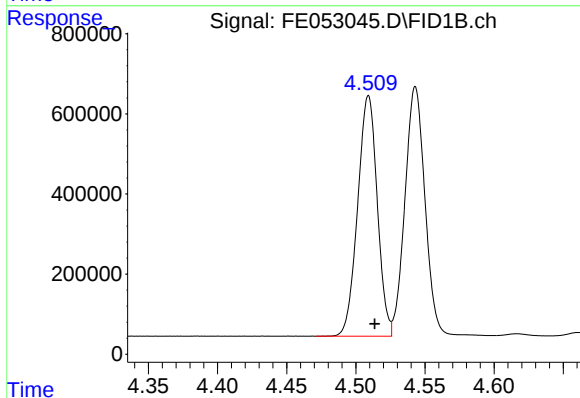




#1 n-Nonane (C9)

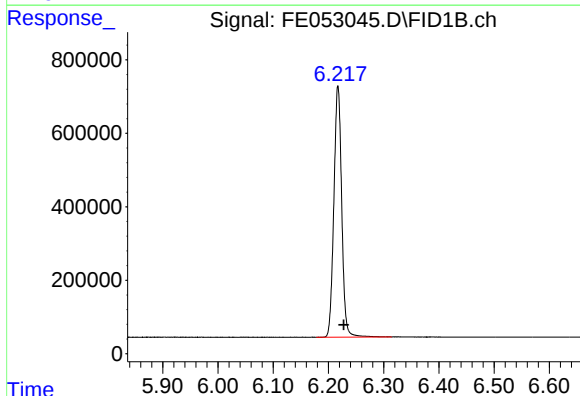
R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 5471531
Conc: 35.29 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167363BSD



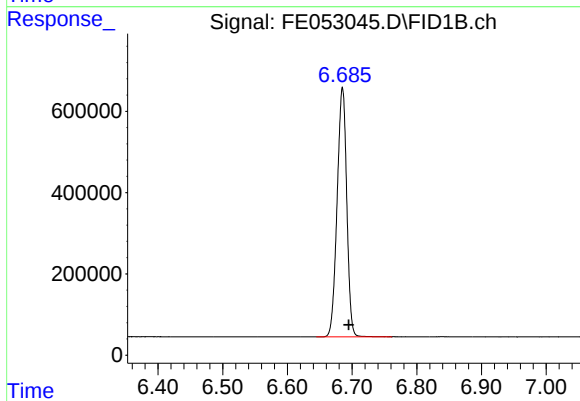
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: -0.005 min
Response: 5920224
Conc: 37.69 ug/ml



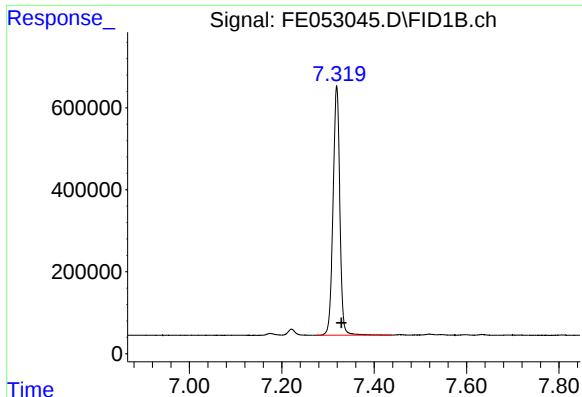
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.011 min
Response: 6747905
Conc: 39.79 ug/ml



#4 n-Dodecane (C12)

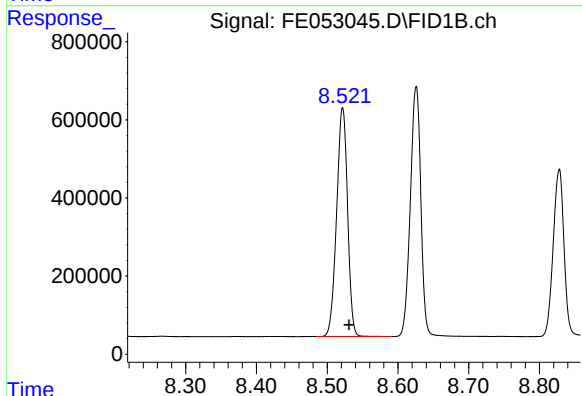
R.T.: 6.685 min
Delta R.T.: -0.010 min
Response: 6329452
Conc: 40.65 ug/ml



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

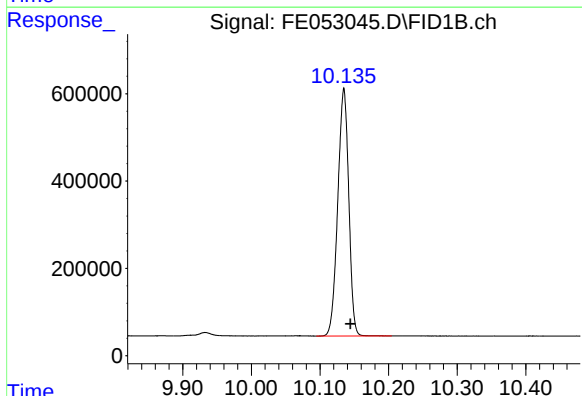
R.T.: 7.319 min
Delta R.T.: -0.011 min
Response: 6189514
Conc: 38.19 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167363BSD



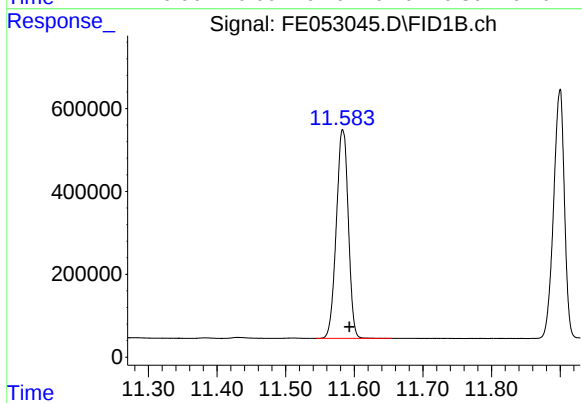
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.009 min
Response: 6296833
Conc: 41.62 ug/ml



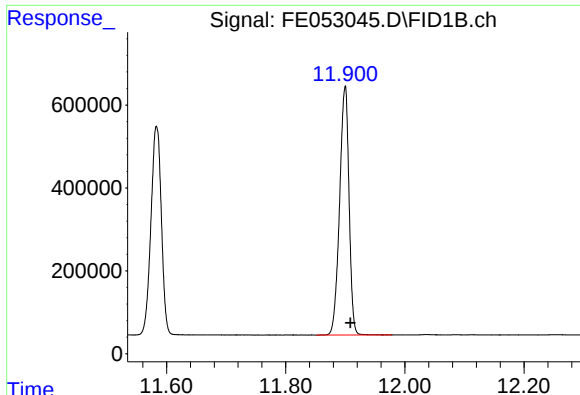
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.010 min
Response: 6284817
Conc: 41.11 ug/ml



#8 n-Octadecane (C18)

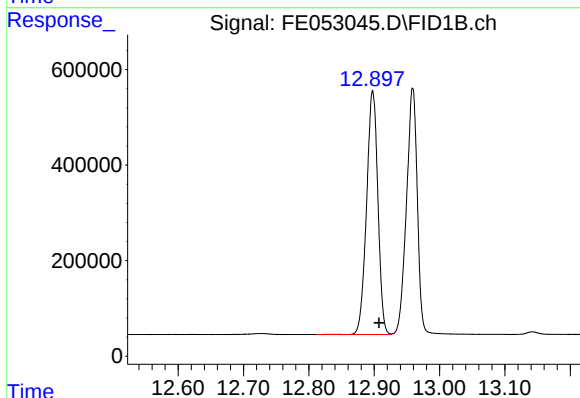
R.T.: 11.583 min
Delta R.T.: -0.010 min
Response: 6106368
Conc: 40.14 ug/ml



#9 ortho-Terphenyl (SURR)

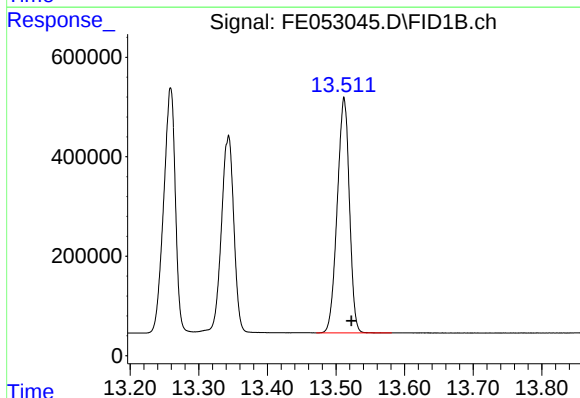
R.T.: 11.899 min
Delta R.T.: -0.009 min
Response: 6590811
Conc: 39.09 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167363BSD



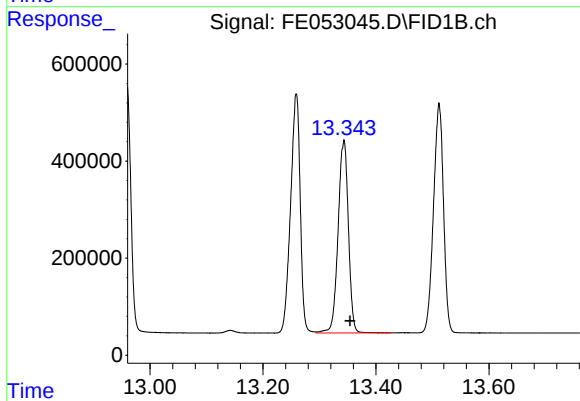
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.010 min
Response: 6125602
Conc: 42.19 ug/ml



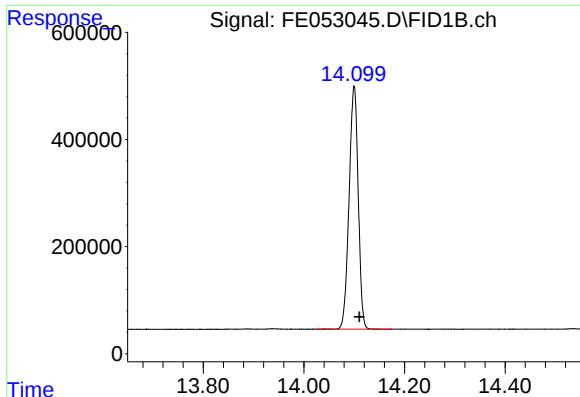
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.011 min
Response: 5816085
Conc: 40.86 ug/ml



#12 1-chlorooctadecane (SURR)

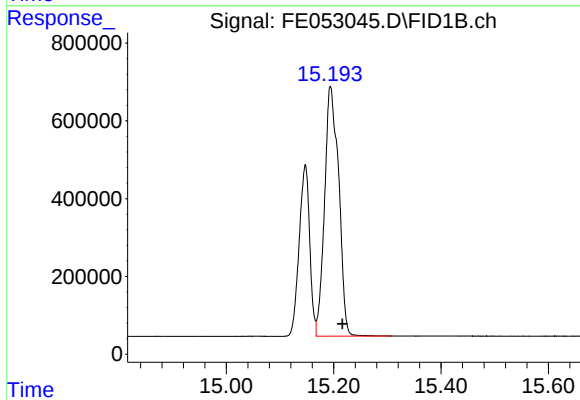
R.T.: 13.343 min
Delta R.T.: -0.011 min
Response: 5025544
Conc: 41.39 ug/ml



#13 n-Docosane (C22)

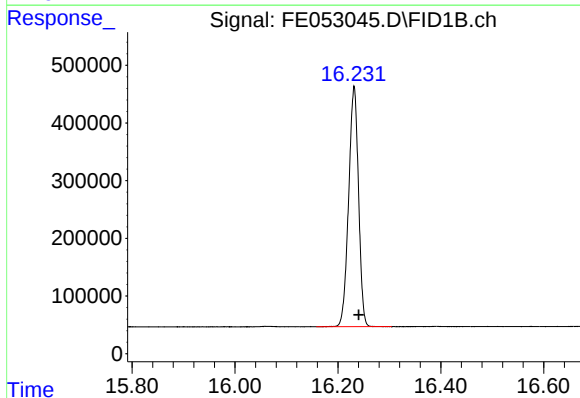
R.T.: 14.100 min
Delta R.T.: -0.010 min
Response: 5730988
Conc: 40.27 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167363BSD



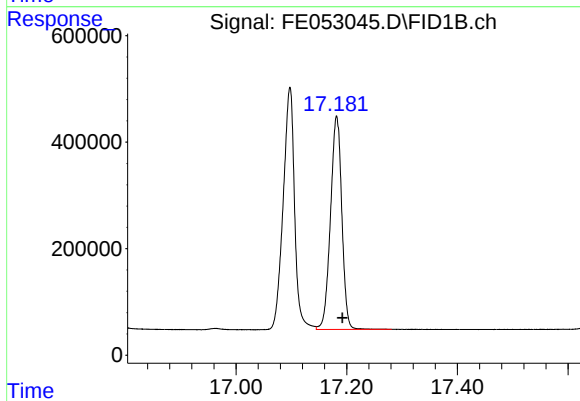
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.022 min
Response: 11741632
Conc: 82.05 ug/ml



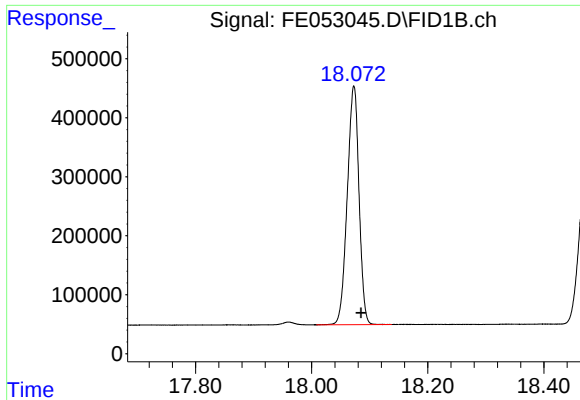
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: -0.009 min
Response: 5552176
Conc: 39.05 ug/ml



#16 n-Octacosane (C28)

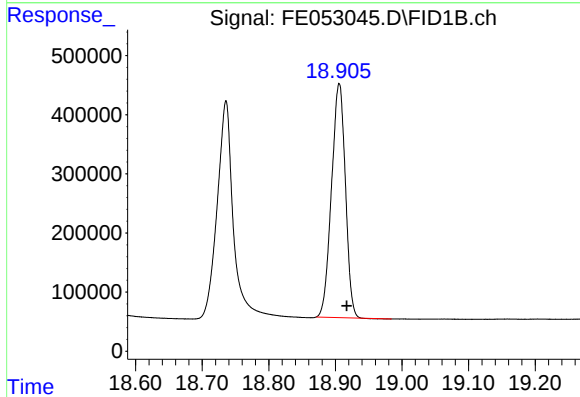
R.T.: 17.182 min
Delta R.T.: -0.010 min
Response: 5697532
Conc: 40.07 ug/ml



#17 n-Tricontane (C30)

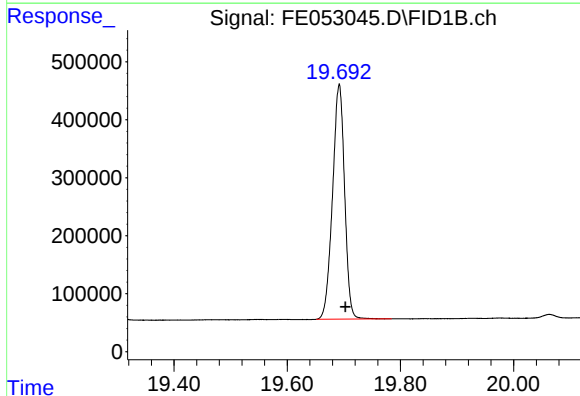
R.T.: 18.073 min
Delta R.T.: -0.012 min
Response: 5687103
Conc: 38.50 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167363BSD



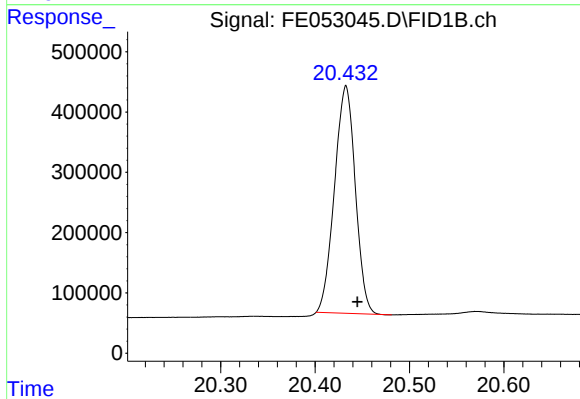
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: -0.011 min
Response: 5735790
Conc: 39.51 ug/ml



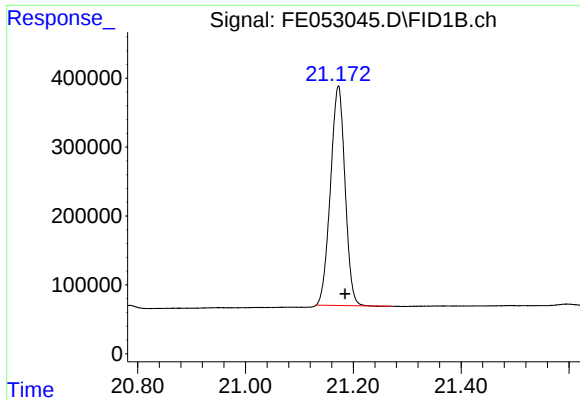
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: -0.011 min
Response: 5990197
Conc: 44.44 ug/ml



#20 n-Hexatriacontane (C36)

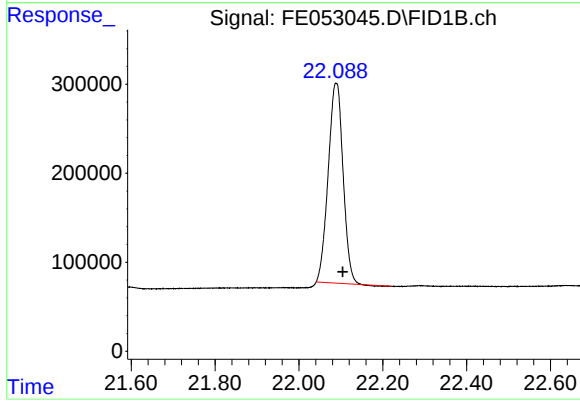
R.T.: 20.433 min
Delta R.T.: -0.012 min
Response: 5776049
Conc: 48.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: -0.013 min
Response: 5975645
Conc: 53.87 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167363BSD



#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: -0.015 min
Response: 5533565
Conc: 51.18 ug/ml