

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
 Data File : FE054995.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2025 18:54
 Operator : YP\AJ
 Sample : Q2675-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-03-07222025-E2

Integration File: autoint1.e
 Quant Time: Jul 24 04:35:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.086	4674899	28.787 ug/ml
Spiked Amount 50.000		Recovery =	57.57%
12) S 1-chlorooctadecane (S...	13.522	3641202	28.831 ug/ml
Spiked Amount 50.000		Recovery =	57.66%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.402	18469	0.122 ug/ml
4) T n-Dodecane (C12)	6.856	34588	0.252 ug/ml
5) T A~2-methylnaphthalene...	7.506	44608	0.303 ug/ml
6) T n-Tetradecane (C14)	8.693	214414	1.547 ug/ml
7) T n-Hexadecane (C16)	10.308	474540	3.330 ug/ml
8) T n-Octadecane (C18)	11.757	515875	3.520 ug/ml
10) T n-Eicosane (C20)	13.071	381419	2.653 ug/ml
11) T n-Heneicosane (C21)	13.686	249027	1.743 ug/ml
13) T n-Docosane (C22)	14.274	206495	1.446 ug/ml
14) T n-Tetracosane (C24)	15.373	232278	1.598 ug/ml
15) T n-Hexacosane (C26)	16.403	122498	0.846 ug/ml
16) T n-Octacosane (C28)	17.357	190986	1.310 ug/ml
17) T n-Tricontane (C30)	18.245	281626	1.787 ug/ml
18) T n-Dotriacontane (C32)	19.081	146585	0.906 ug/ml
19) T n-Tetratriacontane (C34)	19.865	122133	0.801 ug/ml
20) T n-Hexatriacontane (C36)	20.608	71007	0.528 ug/ml
21) T n-Octatriacontane (C38)	21.386	190180	1.622 ug/ml
22) T n-Tetracontane (C40)	22.376	71053	0.656 ug/ml

(f)=RT Delta > 1/2 Window

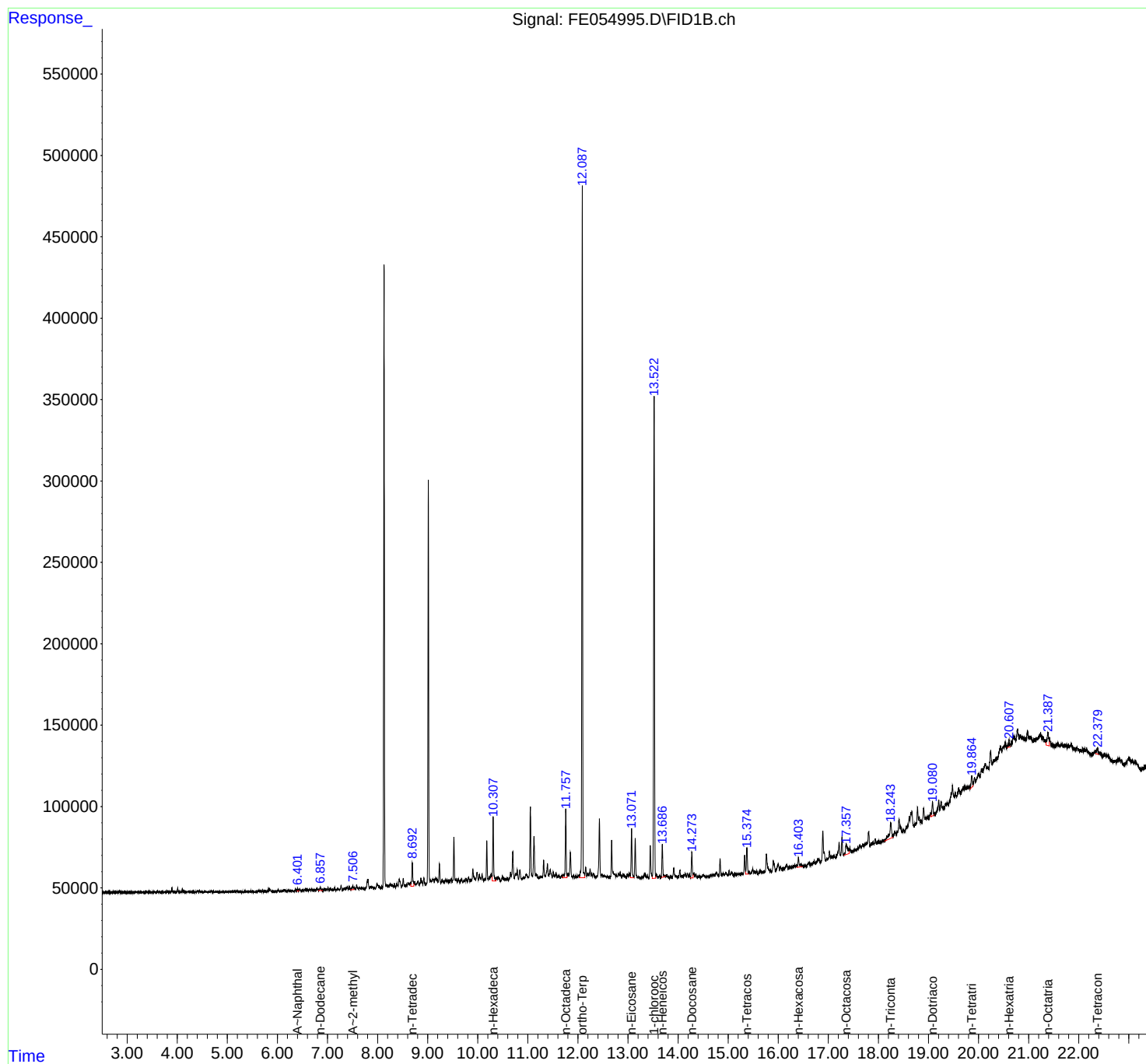
(m)=manual int.

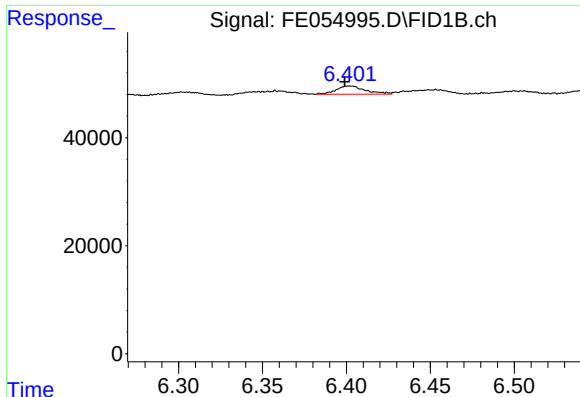
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Signal Info : 20M x 0.18mm x 0.18um

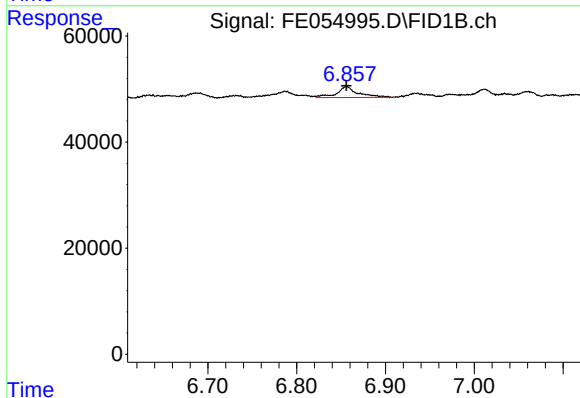




#3 A~Naphthalene (C11.7)

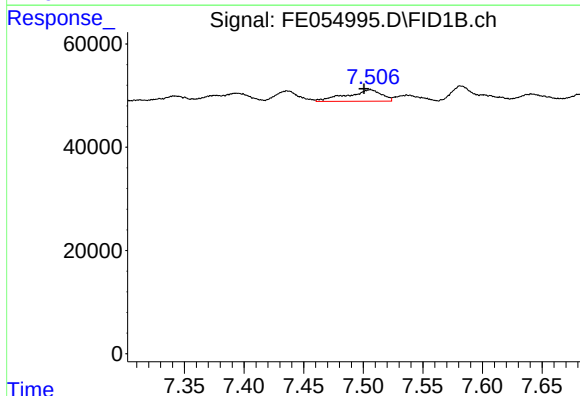
R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 18469
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :
SU-03-07222025-E2



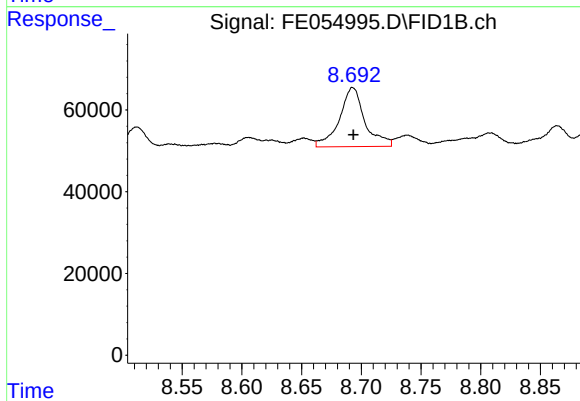
#4 n-Dodecane (C12)

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 34588
Conc: 0.25 ug/ml



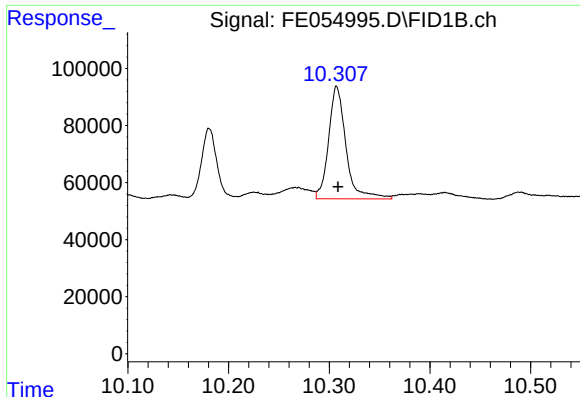
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.506 min
Delta R.T.: 0.005 min
Response: 44608
Conc: 0.30 ug/ml



#6 n-Tetradecane (C14)

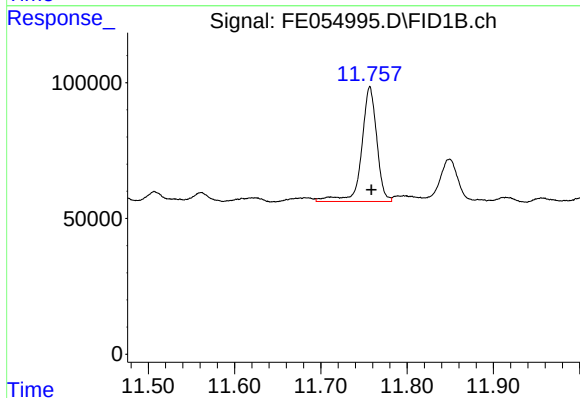
R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 214414
Conc: 1.55 ug/ml



#7 n-Hexadecane (C16)

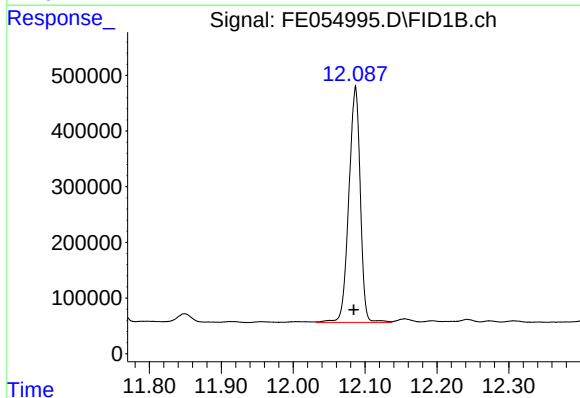
R.T.: 10.308 min
Delta R.T.: -0.001 min
Response: 474540
Conc: 3.33 ug/ml

Instrument :
FID_E
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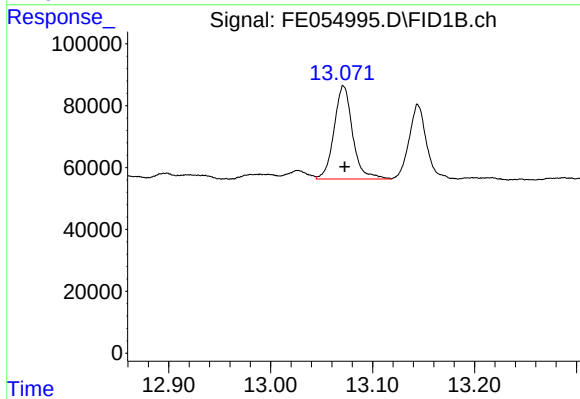
#8 n-Octadecane (C18)

R.T.: 11.757 min
Delta R.T.: -0.002 min
Response: 515875
Conc: 3.52 ug/ml



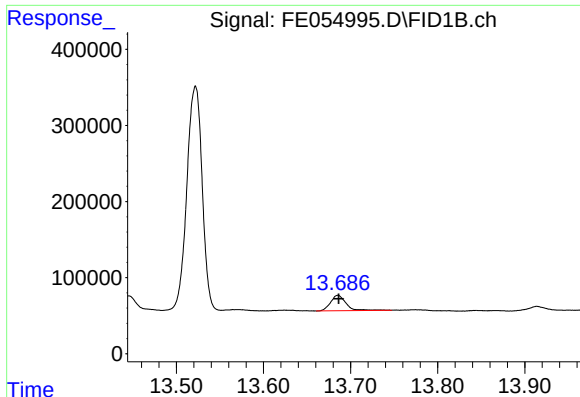
#9 ortho-Terphenyl (SURR)

R.T.: 12.086 min
Delta R.T.: 0.002 min
Response: 4674899
Conc: 28.79 ug/ml



#10 n-Eicosane (C20)

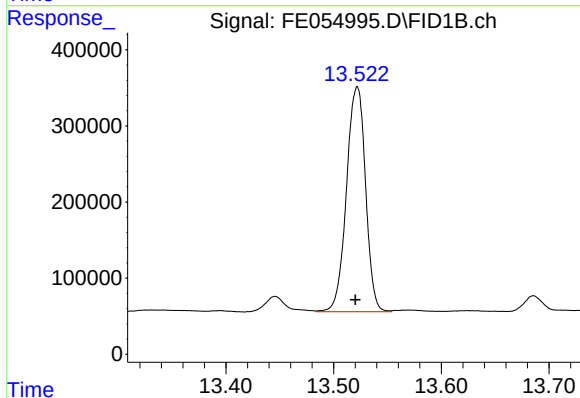
R.T.: 13.071 min
Delta R.T.: -0.001 min
Response: 381419
Conc: 2.65 ug/ml



#11 n-Heneicosane (C21)

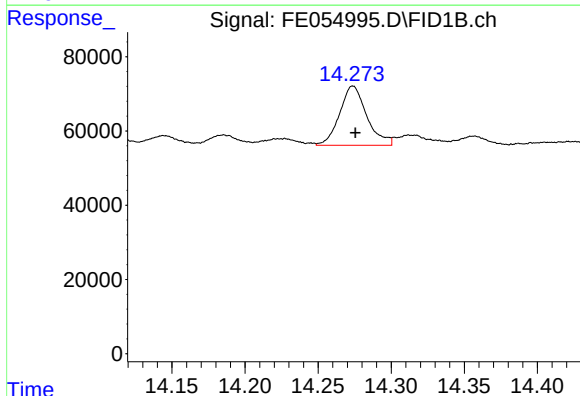
R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 249027
Conc: 1.74 ug/ml

Instrument :
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SU-03-07222025-E2



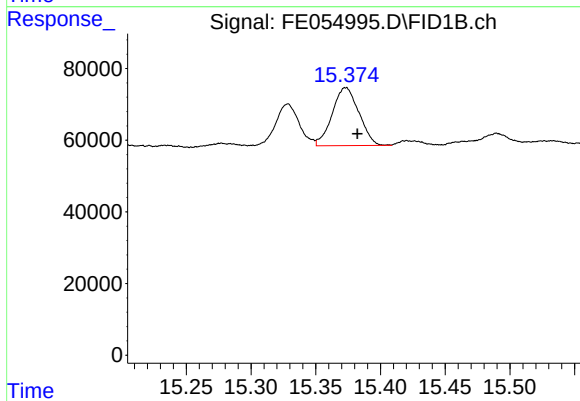
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 3641202
Conc: 28.83 ug/ml



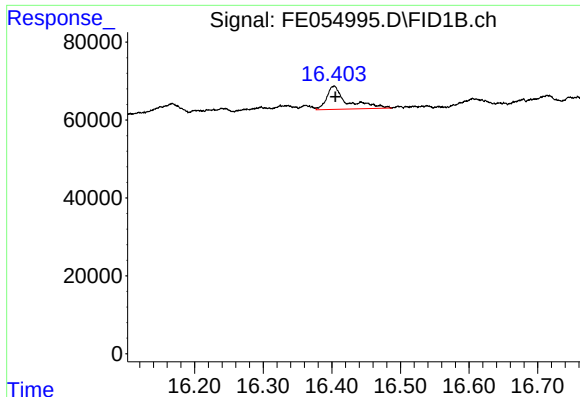
#13 n-Docosane (C22)

R.T.: 14.274 min
Delta R.T.: -0.002 min
Response: 206495
Conc: 1.45 ug/ml



#14 n-Tetracosane (C24)

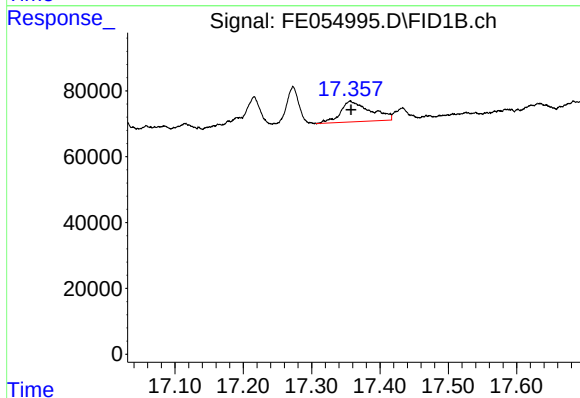
R.T.: 15.373 min
Delta R.T.: -0.009 min
Response: 232278
Conc: 1.60 ug/ml



#15 n-Hexacosane (C26)

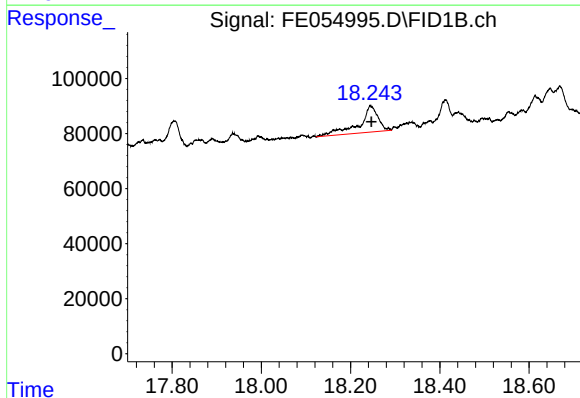
R.T.: 16.403 min
Delta R.T.: -0.002 min
Response: 122498
Conc: 0.85 ug/ml

Instrument :
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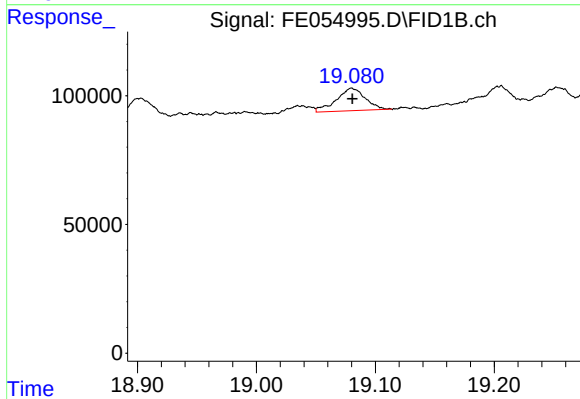
#16 n-Octacosane (C28)

R.T.: 17.357 min
Delta R.T.: 0.000 min
Response: 190986
Conc: 1.31 ug/ml



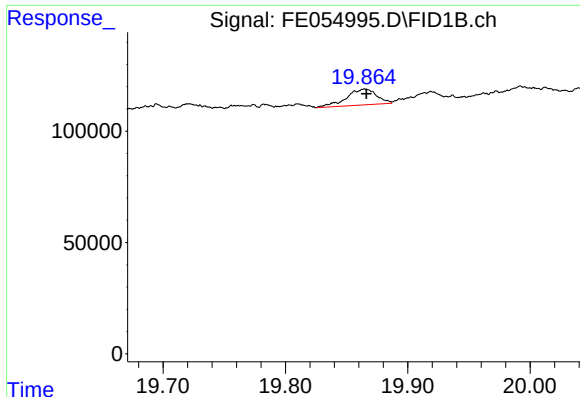
#17 n-Tricontane (C30)

R.T.: 18.245 min
Delta R.T.: -0.001 min
Response: 281626
Conc: 1.79 ug/ml



#18 n-Dotriacontane (C32)

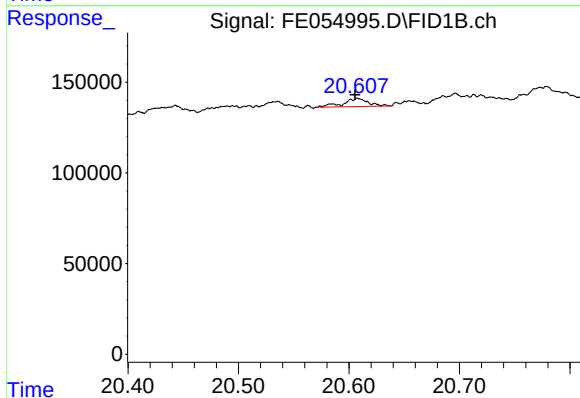
R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 146585
Conc: 0.91 ug/ml



#19 n-Tetratriacontane (C34)

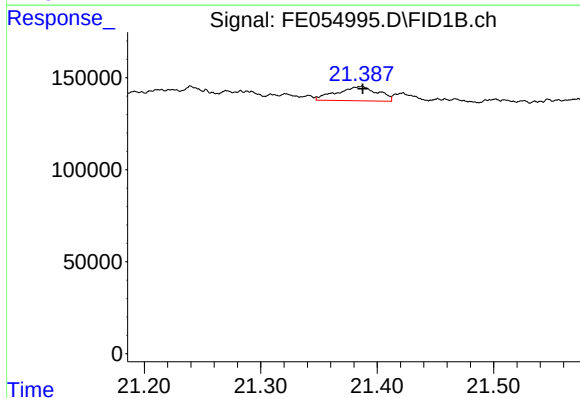
R.T.: 19.865 min
Delta R.T.: -0.001 min
Response: 122133
Conc: 0.80 ug/ml

Instrument :
FID_E
ClientSampleId :
SU-03-07222025-E2



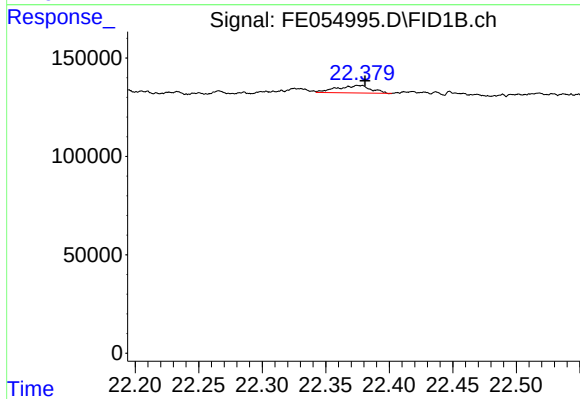
#20 n-Hexatriacontane (C36)

R.T.: 20.608 min
Delta R.T.: 0.002 min
Response: 71007
Conc: 0.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.002 min
Response: 190180
Conc: 1.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: -0.005 min
Response: 71053
Conc: 0.66 ug/ml