

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
 Data File : FE054999.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2025 20:55
 Operator : YP\AJ
 Sample : Q2676-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 24 04:36:54 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	3647755	22.462 ug/ml
Spiked Amount 50.000		Recovery =	44.92%
12) S 1-chlorooctadecane (S...	13.522	5509451	43.624 ug/ml
Spiked Amount 50.000		Recovery =	87.25%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.404	40217	0.266 ug/ml
4) T n-Dodecane (C12)	6.857	87894	0.641 ug/ml
5) T A~2-methylnaphthalene...	7.503	64281	0.437 ug/ml
6) T n-Tetradecane (C14)	8.694	166965	1.204 ug/ml
7) T n-Hexadecane (C16)	10.310	101217	0.710 ug/ml
8) T n-Octadecane (C18)	11.757	76172	0.520 ug/ml
10) T n-Eicosane (C20)	13.071	165969	1.154 ug/ml
11) T n-Heneicosane (C21)	13.703	302126	2.115 ug/ml
13) T n-Docosane (C22)	14.275	101609	0.712 ug/ml
14) T n-Tetracosane (C24)	15.374	800011	5.503 ug/ml
15) T n-Hexacosane (C26)	16.406	106866	0.738 ug/ml
16) T n-Octacosane (C28)	17.384	567574	3.894 ug/ml
17) T n-Tricontane (C30)	18.249	653895	4.150 ug/ml
18) T n-Dotriacontane (C32)	19.088	427439	2.642 ug/ml
19) T n-Tetratriacontane (C34)	19.876	333330	2.187 ug/ml
20) T n-Hexatriacontane (C36)	20.613	116343	0.865 ug/ml
21) T n-Octatriacontane (C38)	21.394	451978	3.854 ug/ml
22) T n-Tetracontane (C40)	22.389	320421	2.956 ug/ml

(f)=RT Delta > 1/2 Window

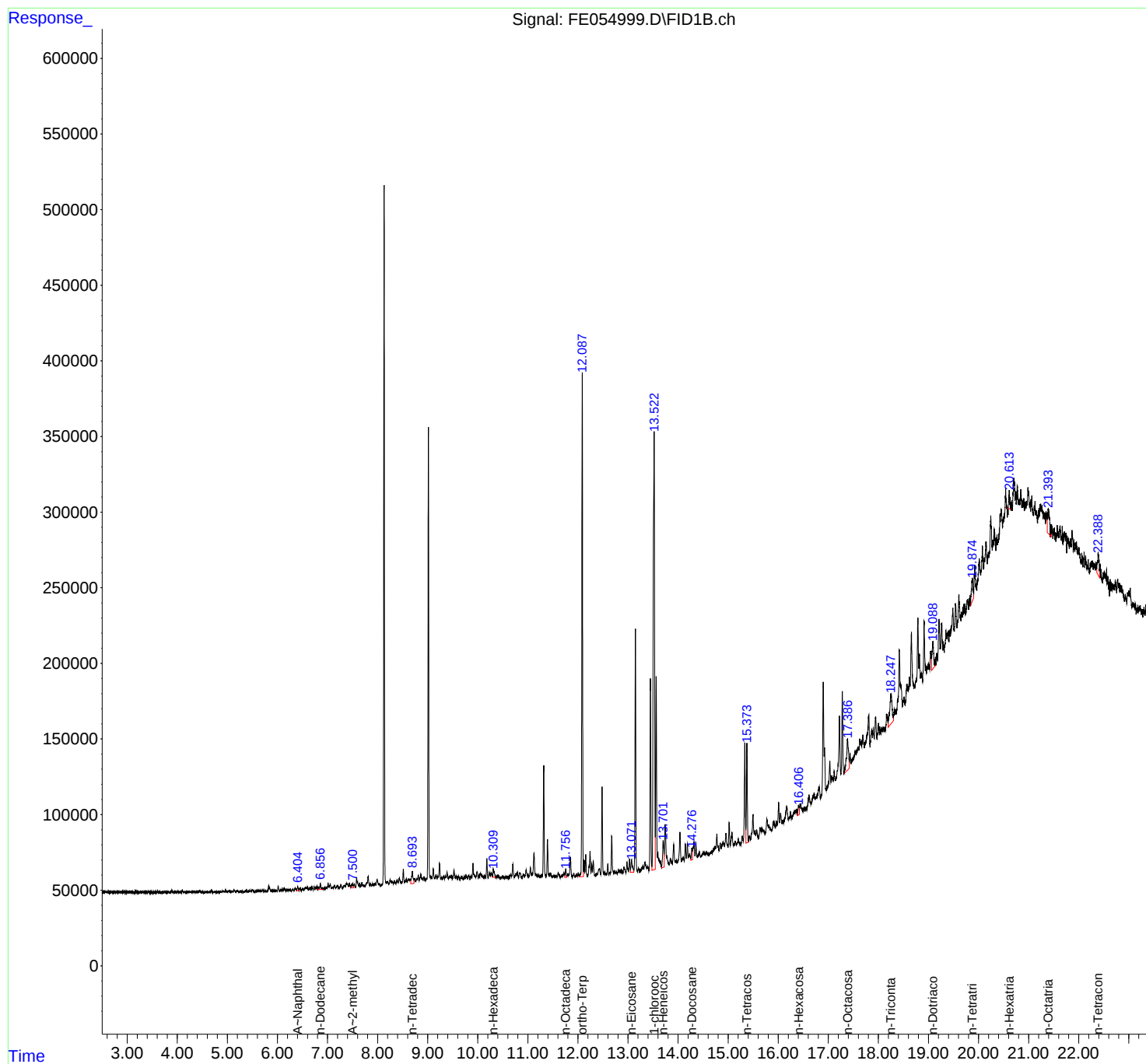
(m)=manual int.

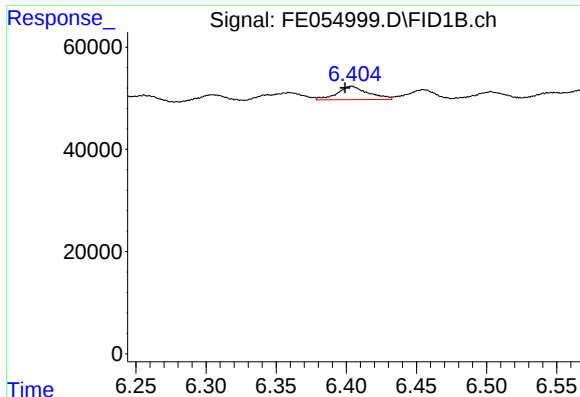
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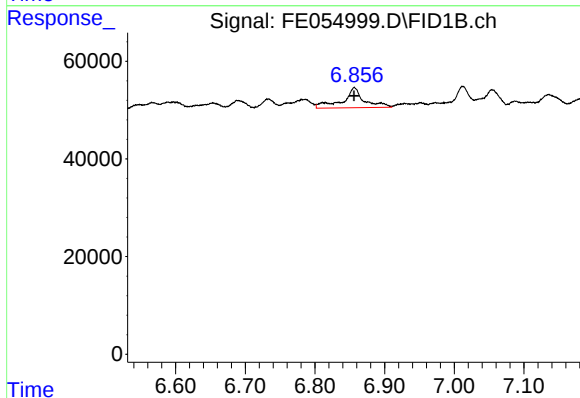




#3 A~Naphthalene (C11.7)

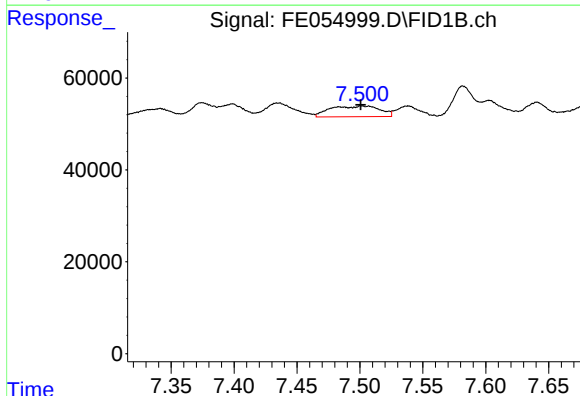
R.T.: 6.404 min
Delta R.T.: 0.005 min
Response: 40217
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :



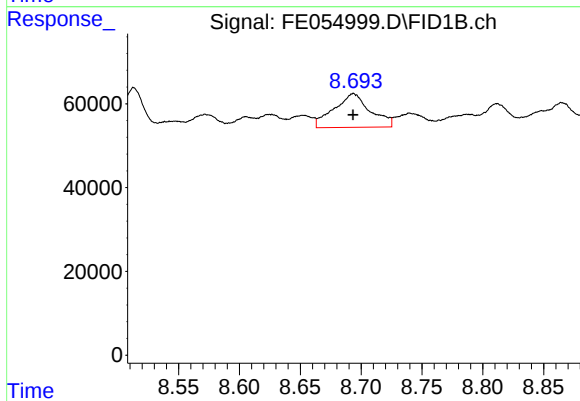
#4 n-Dodecane (C12)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 87894
Conc: 0.64 ug/ml



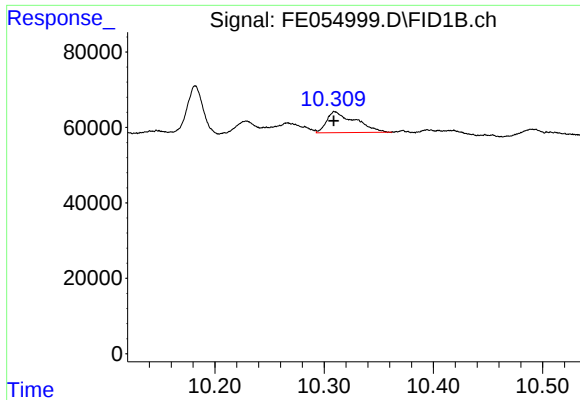
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 64281
Conc: 0.44 ug/ml



#6 n-Tetradecane (C14)

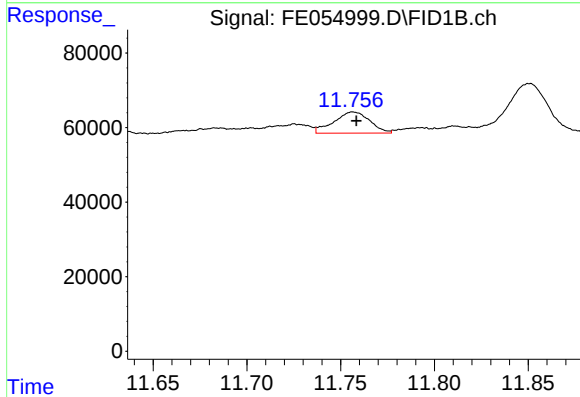
R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 166965
Conc: 1.20 ug/ml



#7 n-Hexadecane (C16)

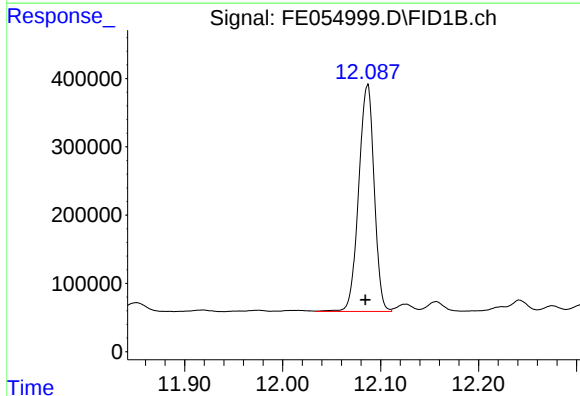
R.T.: 10.310 min
Delta R.T.: 0.002 min
Response: 101217
Conc: 0.71 ug/ml

Instrument :
FID_E
ClientSampleId :



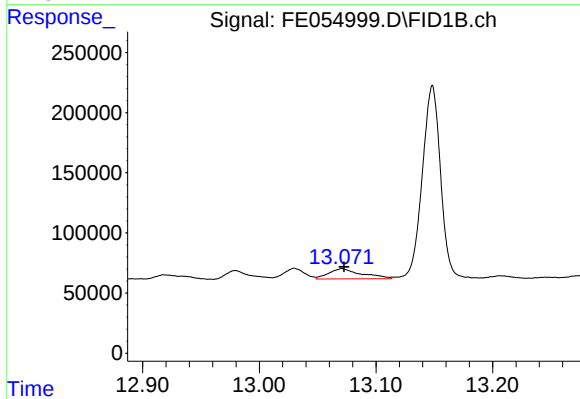
#8 n-Octadecane (C18)

R.T.: 11.757 min
Delta R.T.: -0.002 min
Response: 76172
Conc: 0.52 ug/ml



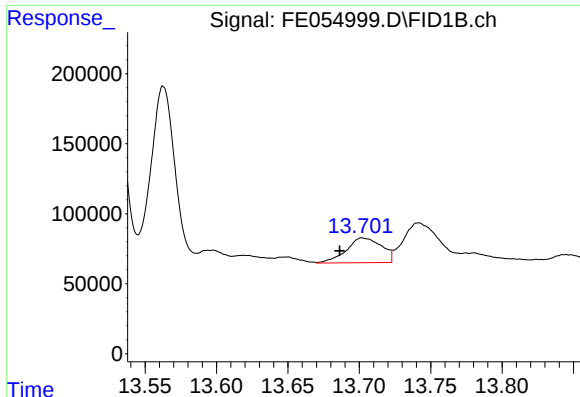
#9 ortho-Terphenyl (SURR)

R.T.: 12.086 min
Delta R.T.: 0.002 min
Response: 3647755
Conc: 22.46 ug/ml



#10 n-Eicosane (C20)

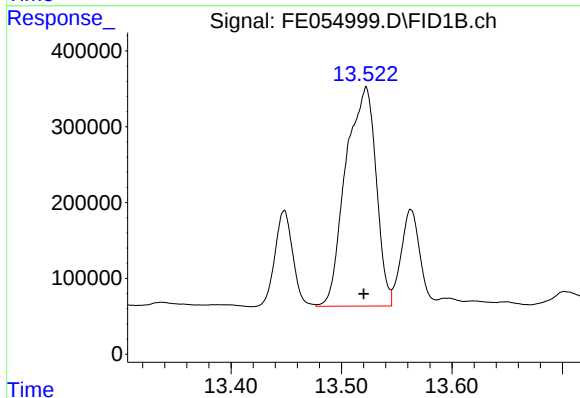
R.T.: 13.071 min
Delta R.T.: -0.002 min
Response: 165969
Conc: 1.15 ug/ml



#11 n-Heneicosane (C21)

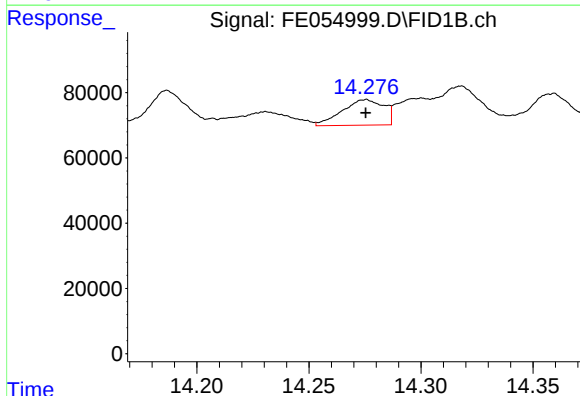
R.T.: 13.703 min
Delta R.T.: 0.017 min
Response: 302126
Conc: 2.12 ug/ml

Instrument :
FID_E
ClientSampleId :



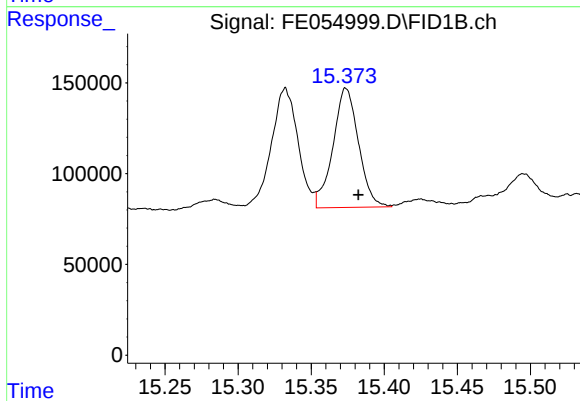
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 5509451
Conc: 43.62 ug/ml



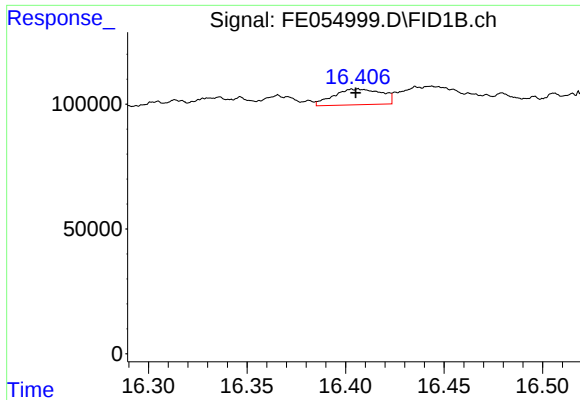
#13 n-Docosane (C22)

R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 101609
Conc: 0.71 ug/ml



#14 n-Tetracosane (C24)

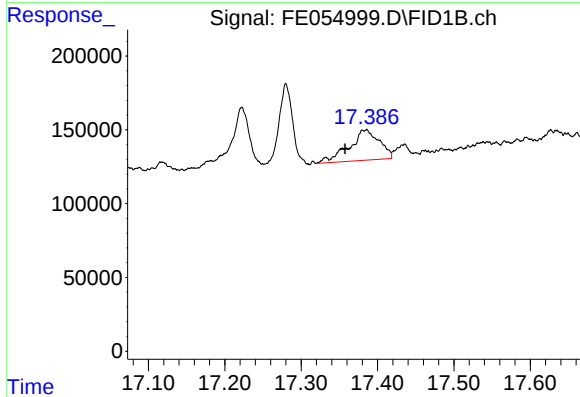
R.T.: 15.374 min
Delta R.T.: -0.008 min
Response: 800011
Conc: 5.50 ug/ml



#15 n-Hexacosane (C26)

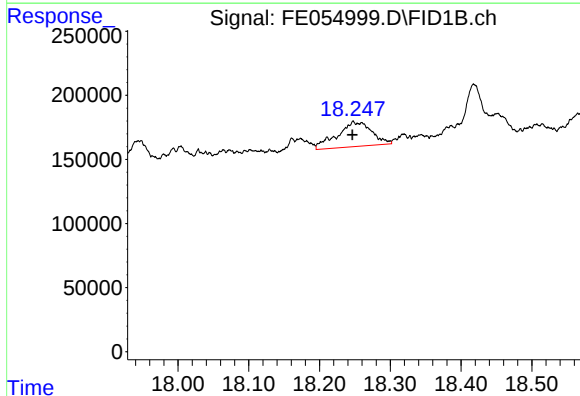
R.T.: 16.406 min
Delta R.T.: 0.001 min
Response: 106866
Conc: 0.74 ug/ml

Instrument :
FID_E
ClientSampleId :



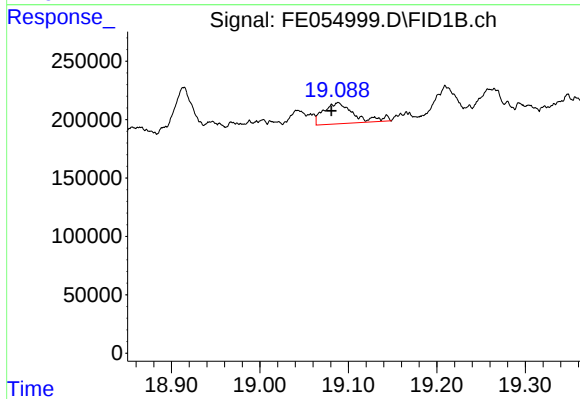
#16 n-Octacosane (C28)

R.T.: 17.384 min
Delta R.T.: 0.026 min
Response: 567574
Conc: 3.89 ug/ml



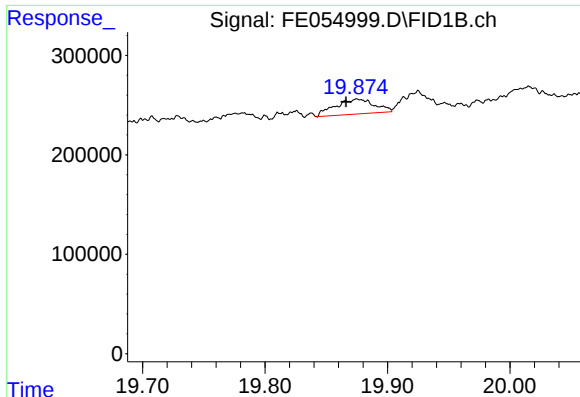
#17 n-Tricontane (C30)

R.T.: 18.249 min
Delta R.T.: 0.002 min
Response: 653895
Conc: 4.15 ug/ml



#18 n-Dotriacontane (C32)

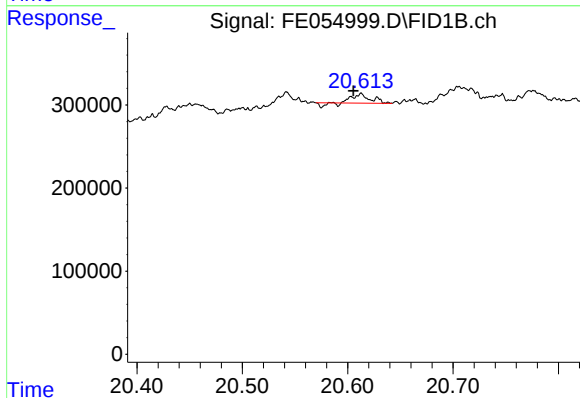
R.T.: 19.088 min
Delta R.T.: 0.007 min
Response: 427439
Conc: 2.64 ug/ml



#19 n-Tetratriacontane (C34)

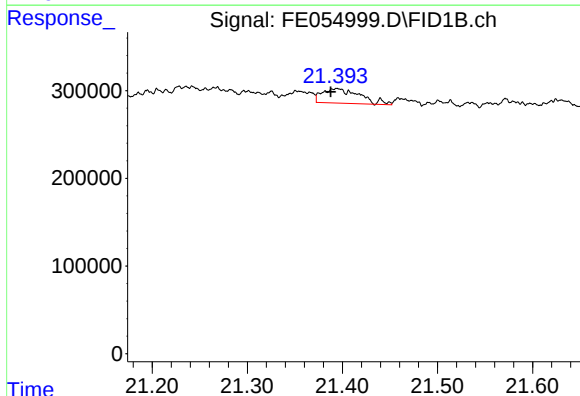
R.T.: 19.876 min
Delta R.T.: 0.010 min
Response: 333330
Conc: 2.19 ug/ml

Instrument :
FID_E
ClientSampleId :



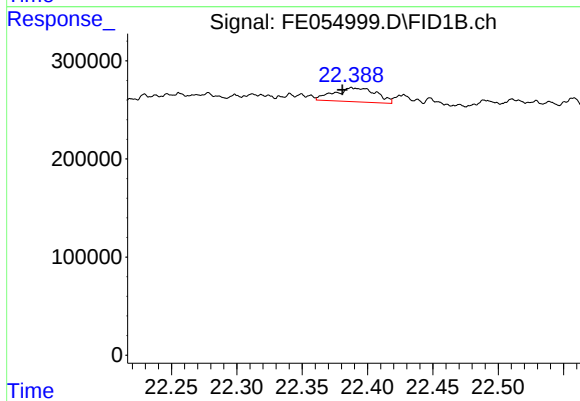
#20 n-Hexatriacontane (C36)

R.T.: 20.613 min
Delta R.T.: 0.007 min
Response: 116343
Conc: 0.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: 0.006 min
Response: 451978
Conc: 3.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.389 min
Delta R.T.: 0.008 min
Response: 320421
Conc: 2.96 ug/ml