

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060525AL\
 Data File : FE054195.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jun 2025 16:43
 Operator : YP\AJ
 Sample : Q2206-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-1-EPH

Integration File: autoint1.e
 Quant Time: Jun 06 01:15:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.838	7253570	44.634 ug/ml
Spiked Amount 50.000		Recovery =	89.27%
12) S 1-chlorooctadecane (S...	13.282	6144815	51.833 ug/ml
Spiked Amount 50.000		Recovery =	103.67%
Target Compounds			
2) T n-Decane (C10)	4.446	28920	0.214 ug/ml
3) T A~Naphthalene (C11.7)	6.181	127669	0.888 ug/ml
4) T n-Dodecane (C12)	6.629	152345	1.117 ug/ml
5) T A~2-methylnaphthalene...	7.253	282955	2.040 ug/ml
6) T n-Tetradecane (C14)	8.460	174386	1.292 ug/ml
7) T n-Hexadecane (C16)	10.075	84330	0.625 ug/ml
8) T n-Octadecane (C18)	11.523	133646	0.992 ug/ml
10) T n-Eicosane (C20)	12.834	97909	0.745 ug/ml
11) T n-Heneicosane (C21)	13.448	45404	0.350 ug/ml
13) T n-Docosane (C22)	14.035	96612	0.757 ug/ml
14) T n-Tetracosane (C24)	15.133	457423	3.656 ug/ml
15) T n-Hexacosane (C26)	16.166	116052	0.948 ug/ml
16) T n-Octacosane (C28)	17.138	226918	1.867 ug/ml
17) T n-Tricontane (C30)	18.006	526346	4.225 ug/ml
18) T n-Dotriacontane (C32)	18.837	152618	1.220 ug/ml
19) T n-Tetratriacontane (C34)	19.647	139067	1.167 ug/ml
20) T n-Hexatriacontane (C36)	20.372	125392	1.083 ug/ml
21) T n-Octatriacontane (C38)	21.090	88568	0.814 ug/ml
22) T n-Tetracontane (C40)	21.989	118697	1.196 ug/ml

(f)=RT Delta > 1/2 Window

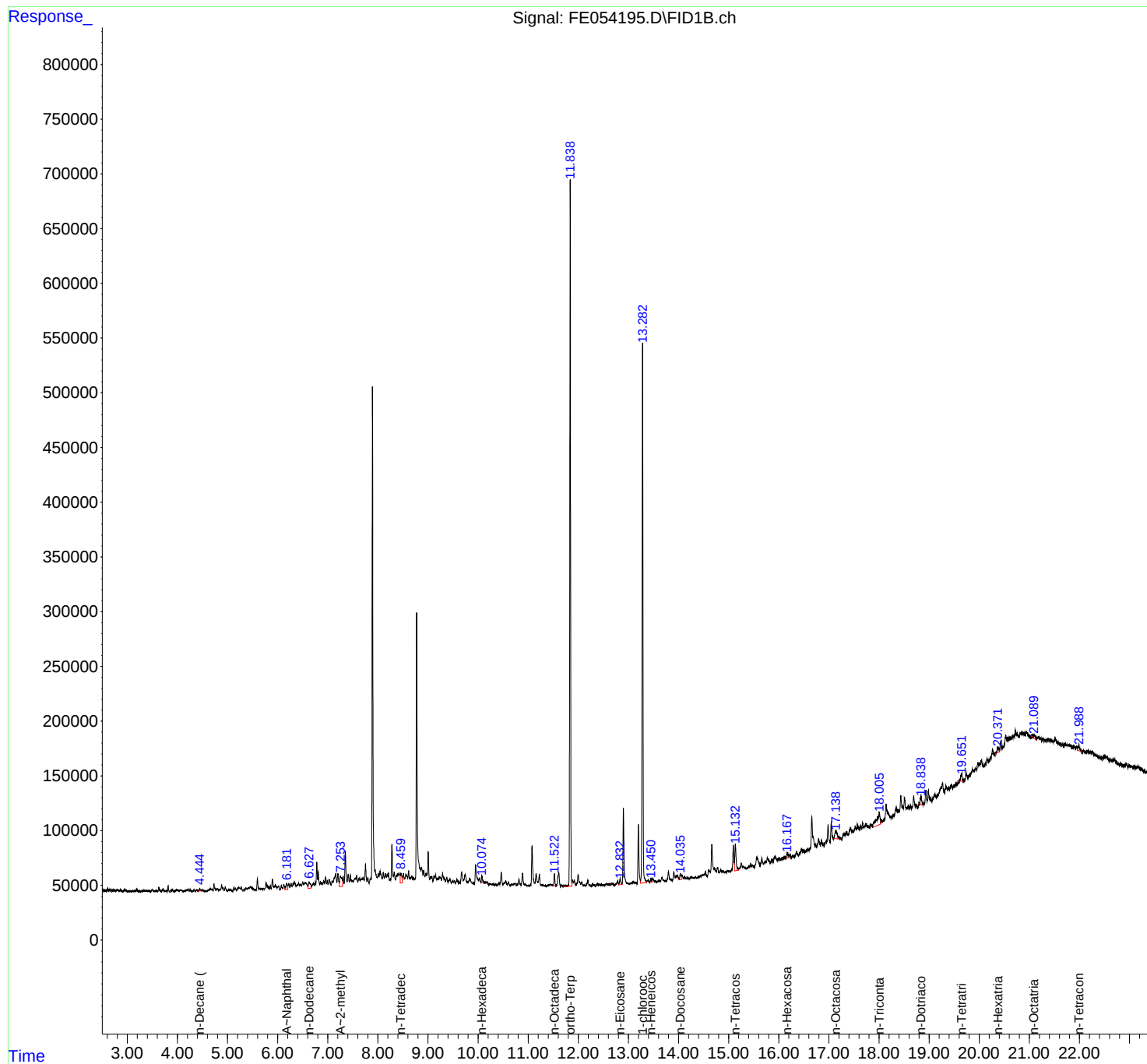
(m)=manual int.

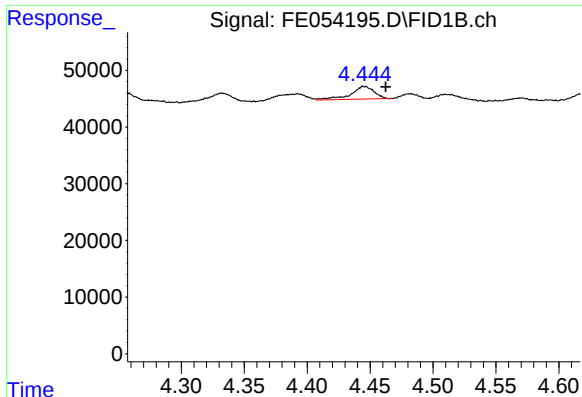
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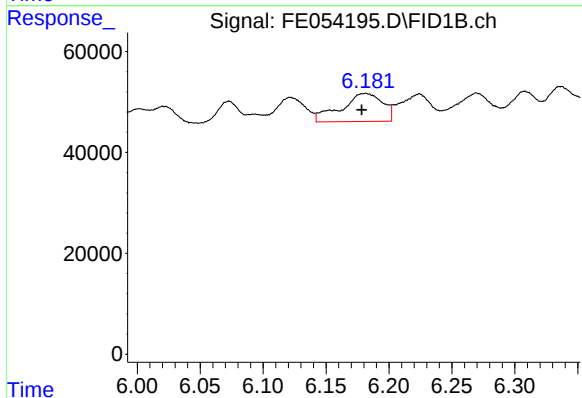




#2 n-Decane (C10)

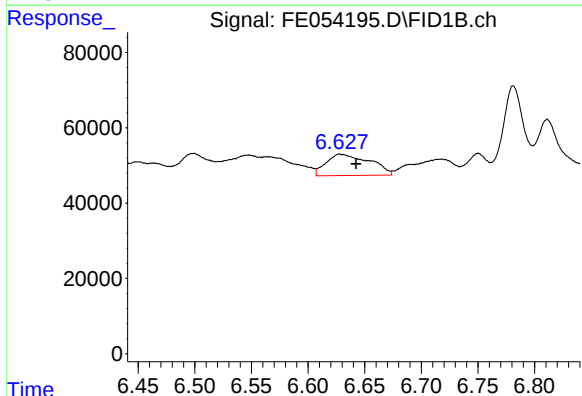
R.T.: 4.446 min
Delta R.T.: -0.017 min
Response: 28920
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH



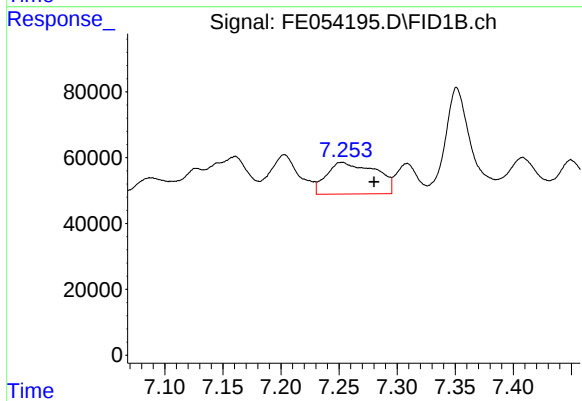
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: 0.003 min
Response: 127669
Conc: 0.89 ug/ml



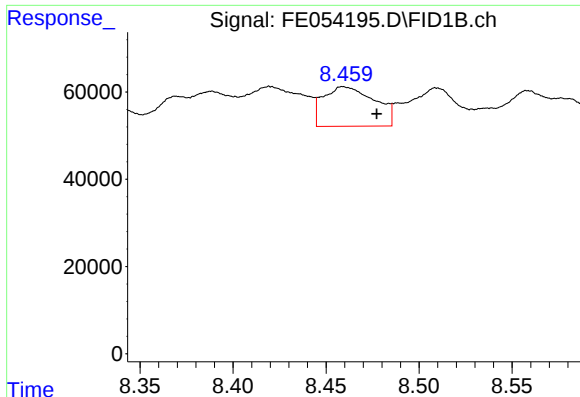
#4 n-Dodecane (C12)

R.T.: 6.629 min
Delta R.T.: -0.013 min
Response: 152345
Conc: 1.12 ug/ml



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

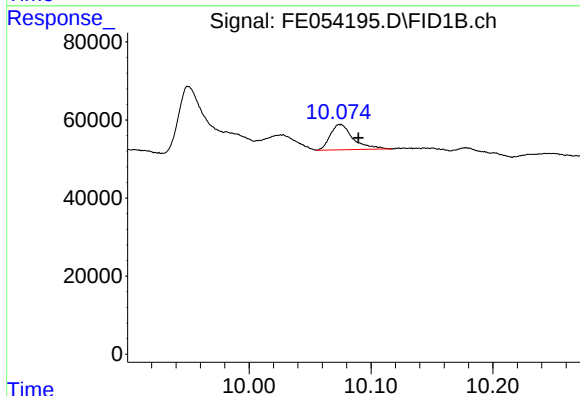
R.T.: 7.253 min
Delta R.T.: -0.028 min
Response: 282955
Conc: 2.04 ug/ml



#6 n-Tetradecane (C14)

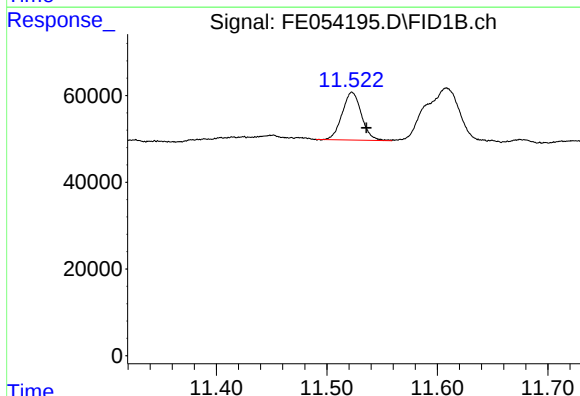
R.T.: 8.460 min
Delta R.T.: -0.017 min
Response: 174386
Conc: 1.29 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH



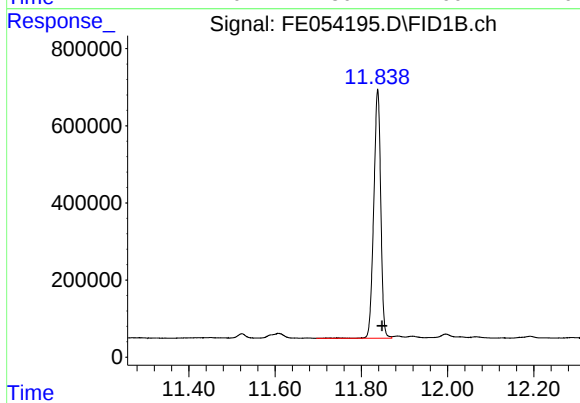
#7 n-Hexadecane (C16)

R.T.: 10.075 min
Delta R.T.: -0.015 min
Response: 84330
Conc: 0.62 ug/ml



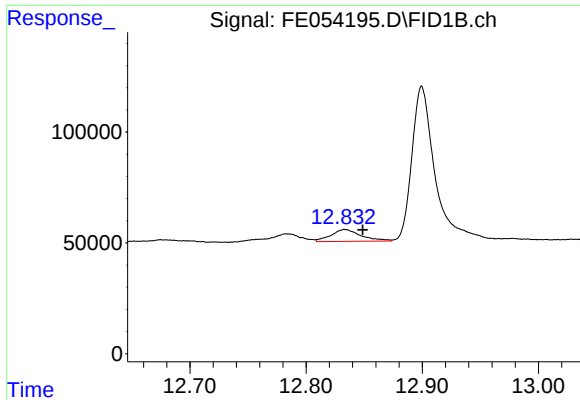
#8 n-Octadecane (C18)

R.T.: 11.523 min
Delta R.T.: -0.013 min
Response: 133646
Conc: 0.99 ug/ml



#9 ortho-Terphenyl (SURR)

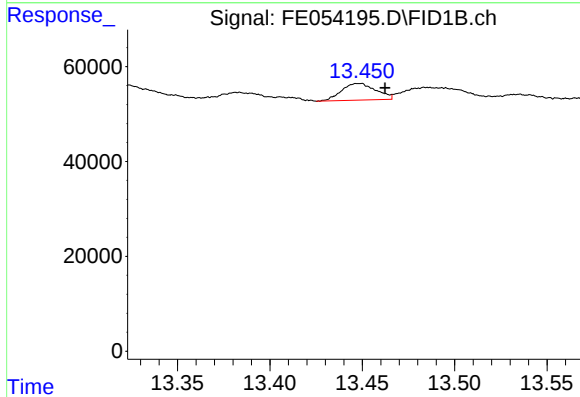
R.T.: 11.838 min
Delta R.T.: -0.011 min
Response: 7253570
Conc: 44.63 ug/ml



#10 n-Eicosane (C20)

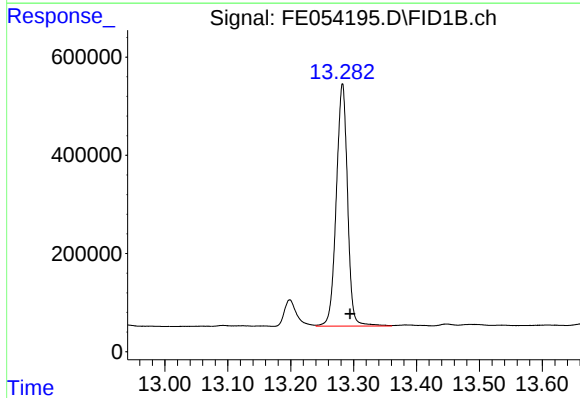
R.T.: 12.834 min
Delta R.T.: -0.015 min
Response: 97909
Conc: 0.74 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH



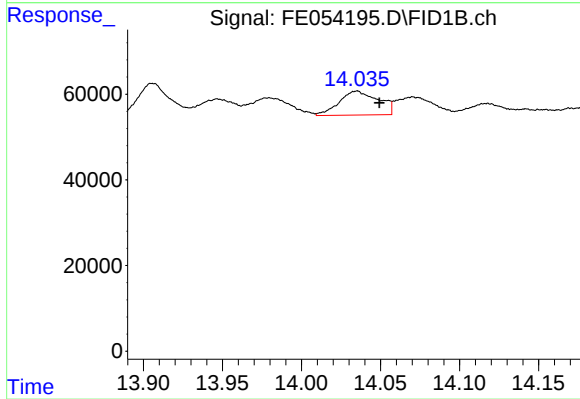
#11 n-Heneicosane (C21)

R.T.: 13.448 min
Delta R.T.: -0.014 min
Response: 45404
Conc: 0.35 ug/ml



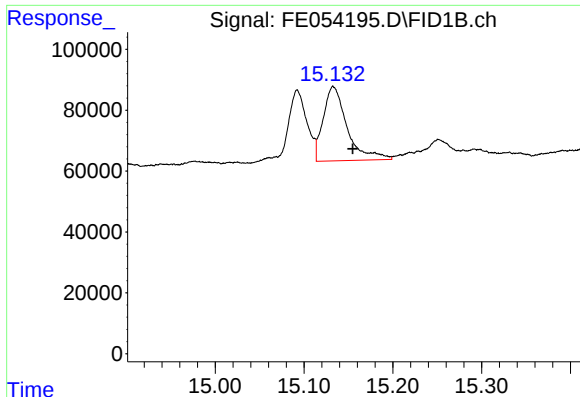
#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.012 min
Response: 6144815
Conc: 51.83 ug/ml



#13 n-Docosane (C22)

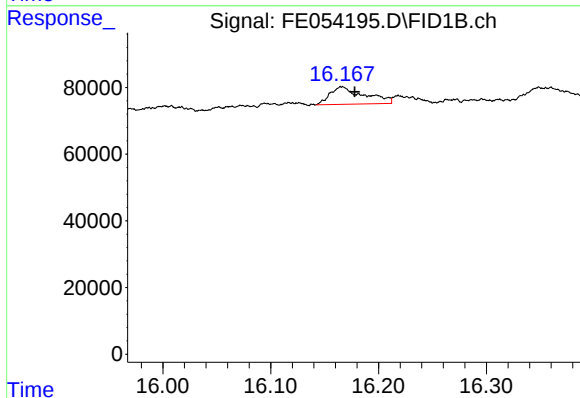
R.T.: 14.035 min
Delta R.T.: -0.014 min
Response: 96612
Conc: 0.76 ug/ml



#14 n-Tetracosane (C24)

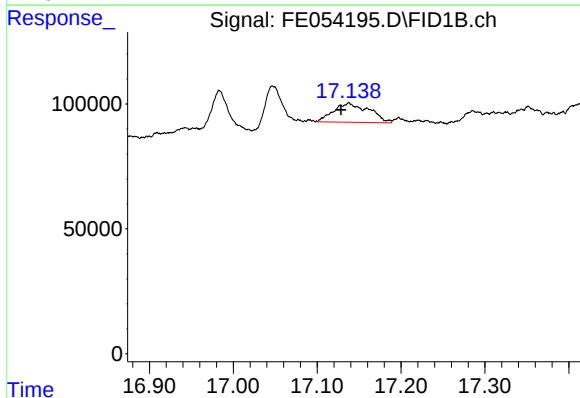
R.T.: 15.133 min
Delta R.T.: -0.022 min
Response: 457423
Conc: 3.66 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH



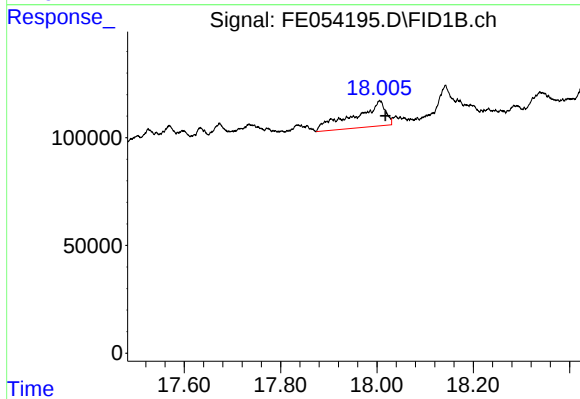
#15 n-Hexacosane (C26)

R.T.: 16.166 min
Delta R.T.: -0.012 min
Response: 116052
Conc: 0.95 ug/ml



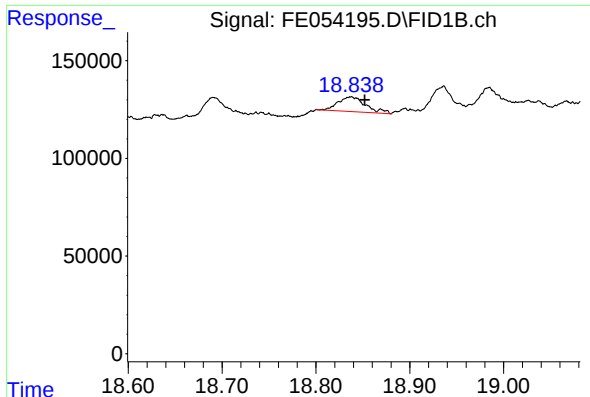
#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: 0.009 min
Response: 226918
Conc: 1.87 ug/ml



#17 n-Tricontane (C30)

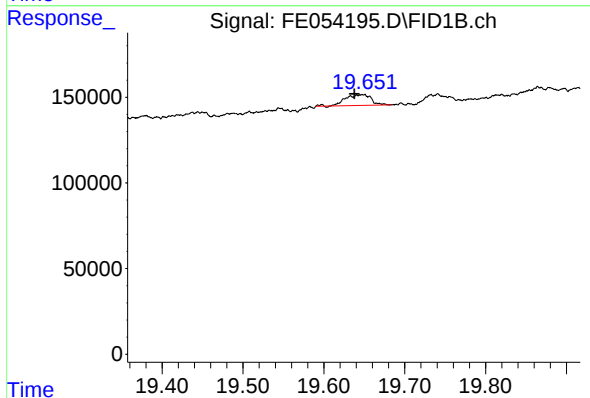
R.T.: 18.006 min
Delta R.T.: -0.012 min
Response: 526346
Conc: 4.23 ug/ml



#18 n-Dotriacontane (C32)

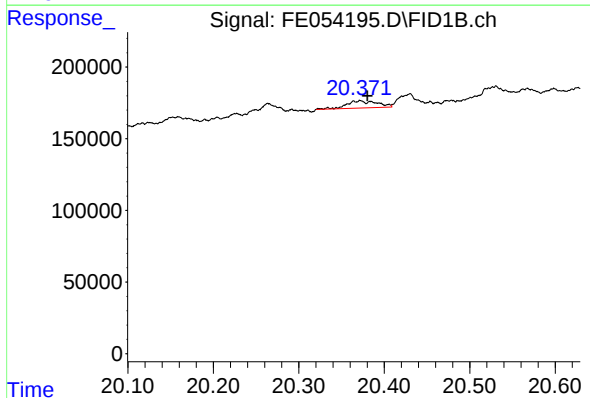
R.T.: 18.837 min
Delta R.T.: -0.015 min
Response: 152618
Conc: 1.22 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH



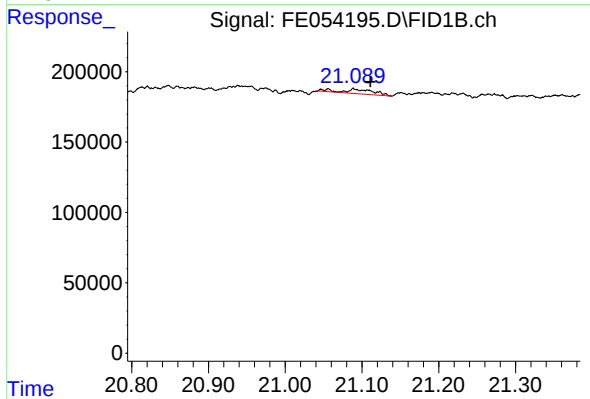
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: 0.009 min
Response: 139067
Conc: 1.17 ug/ml



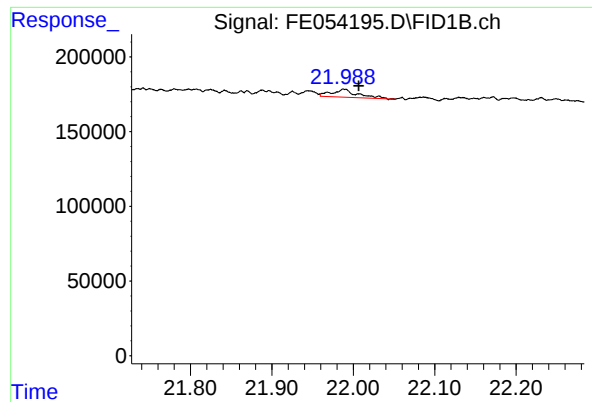
#20 n-Hexatriacontane (C36)

R.T.: 20.372 min
Delta R.T.: -0.009 min
Response: 125392
Conc: 1.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.090 min
Delta R.T.: -0.021 min
Response: 88568
Conc: 0.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: -0.018 min
Response: 118697
Conc: 1.20 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-1-EPH