

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060925AL\
 Data File : FE054252.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2025 18:11
 Operator : YP\AJ
 Sample : Q2240-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-2-EPH

Integration File: autoint1.e
 Quant Time: Jun 10 03:10:00 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)	11.841	4106000	25.266 ug/ml
Spiked Amount 50.000		Recovery =	50.53%
12) S 1-chlorooctadecane (S...	13.287	4049706	34.160 ug/ml
Spiked Amount 50.000		Recovery =	68.32%
Target Compounds			
2) T n-Decane (C10)	4.445	24178	0.179 ug/ml
3) T A~Naphthalene (C11.7)	6.174	90615	0.631 ug/ml
4) T n-Dodecane (C12)	6.632	57176	0.419 ug/ml
5) T A~2-methylnaphthalene...	7.274	139559	1.006 ug/ml
6) T n-Tetradecane (C14)	8.464	178529	1.323 ug/ml
7) T n-Hexadecane (C16)	10.079	332246	2.462 ug/ml
8) T n-Octadecane (C18)	11.523	64208	0.477 ug/ml
10) T n-Eicosane (C20)	12.836	519886	3.956 ug/ml
11) T n-Heneicosane (C21)	13.453	115971	0.895 ug/ml
13) T n-Docosane (C22)	14.042	328789	2.577 ug/ml
14) T n-Tetracosane (C24)	15.140	1809117	14.459 ug/ml
15) T n-Hexacosane (C26)	16.175	276565	2.259 ug/ml
16) T n-Octacosane (C28)	17.156	732631	6.027 ug/ml
17) T n-Tricontane (C30)	18.016	829817	6.662 ug/ml
18) T n-Dotriacontane (C32)	18.847	594063	4.750 ug/ml
19) T n-Tetratriacontane (C34)	19.659	486169	4.081 ug/ml
20) T n-Hexatriacontane (C36)	20.379	285869	2.469 ug/ml
21) T n-Octatriacontane (C38)	21.124	212638	1.954 ug/ml
22) T n-Tetracontane (C40)	22.017	95150	0.959 ug/ml

(f)=RT Delta > 1/2 Window

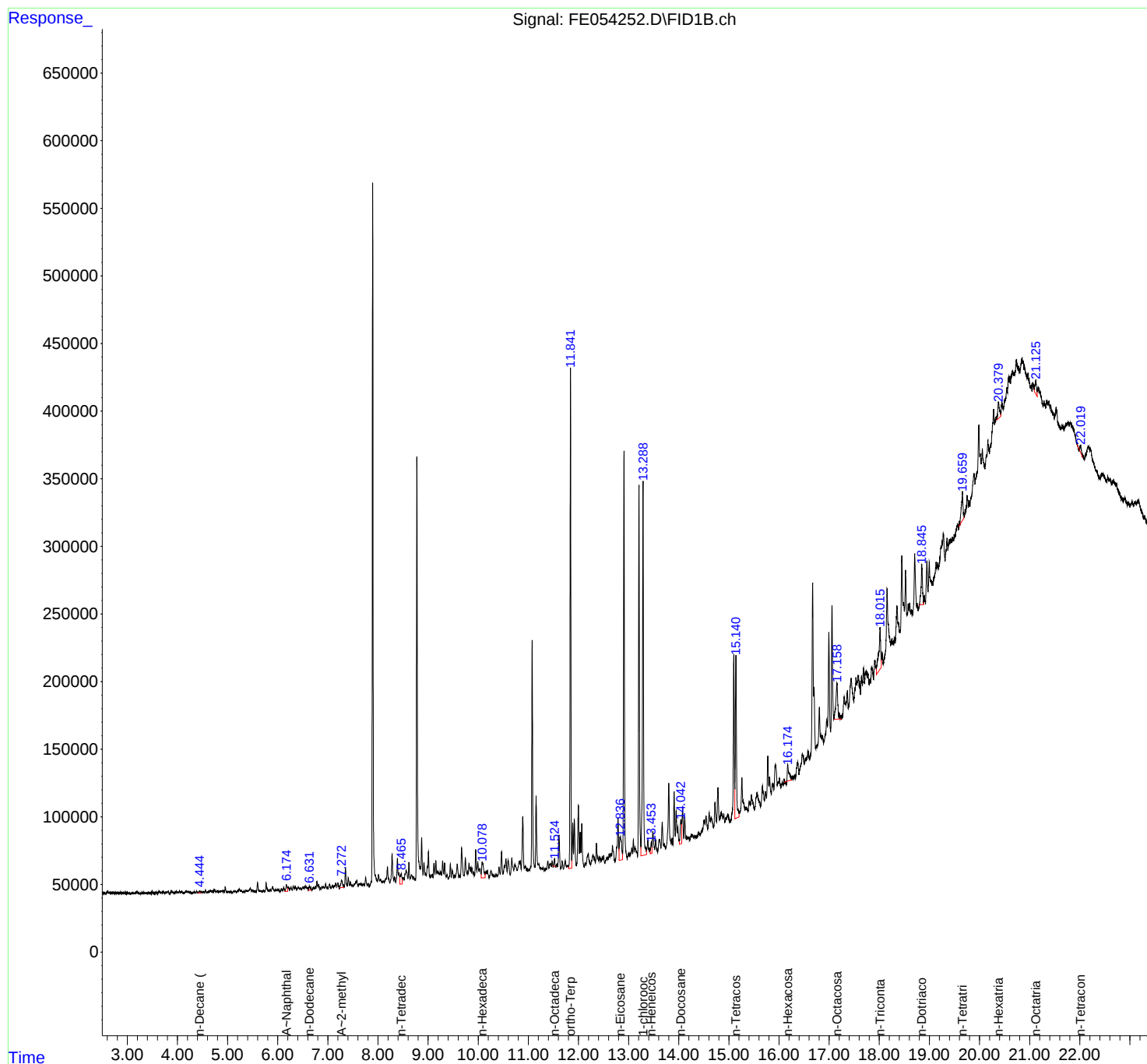
(m)=manual int.

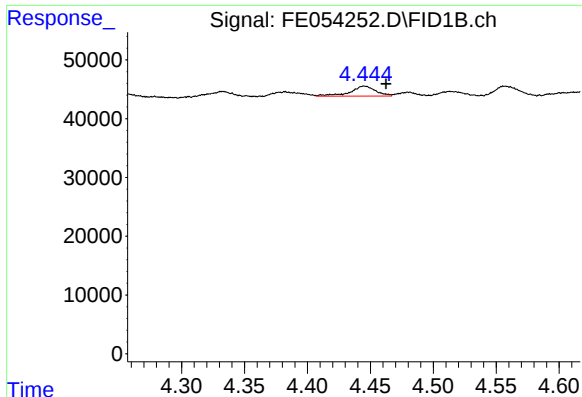
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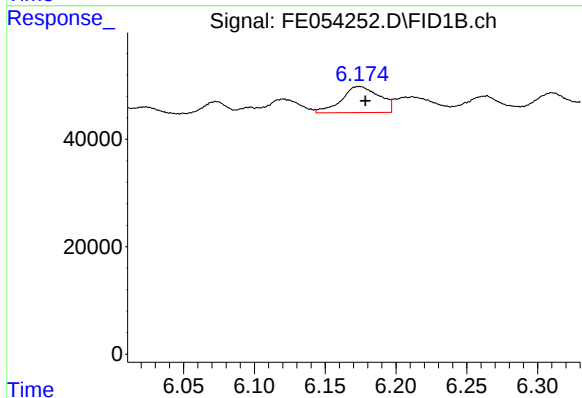




#2 n-Decane (C10)

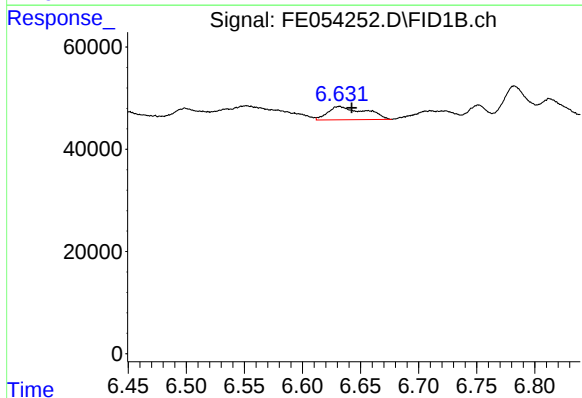
R.T.: 4.445 min
Delta R.T.: -0.017 min
Response: 24178
Conc: 0.18 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2-EPH



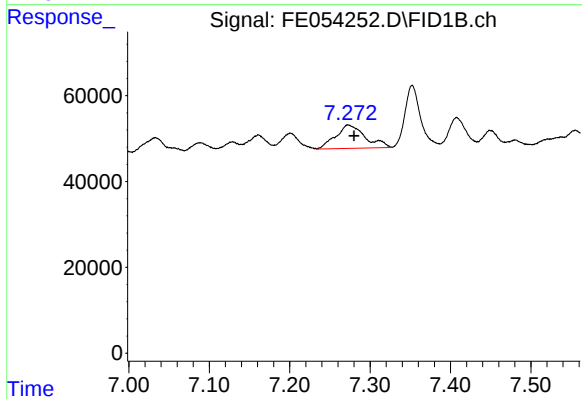
#3 A~Naphthalene (C11.7)

R.T.: 6.174 min
Delta R.T.: -0.004 min
Response: 90615
Conc: 0.63 ug/ml



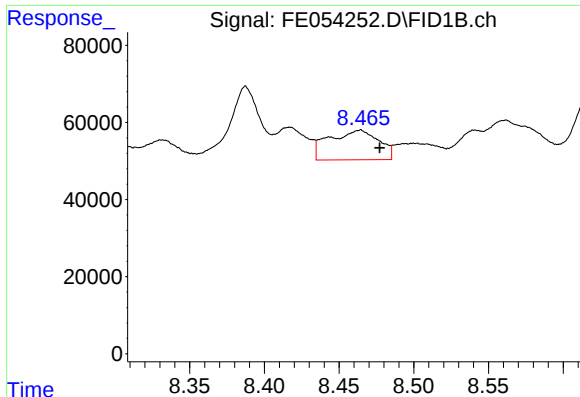
#4 n-Dodecane (C12)

R.T.: 6.632 min
Delta R.T.: -0.010 min
Response: 57176
Conc: 0.42 ug/ml



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

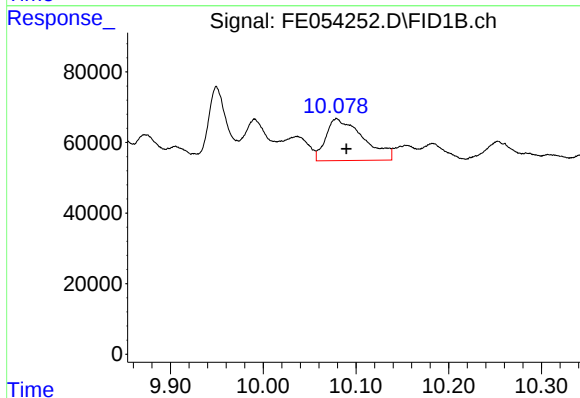
R.T.: 7.274 min
Delta R.T.: -0.007 min
Response: 139559
Conc: 1.01 ug/ml



#6 n-Tetradecane (C14)

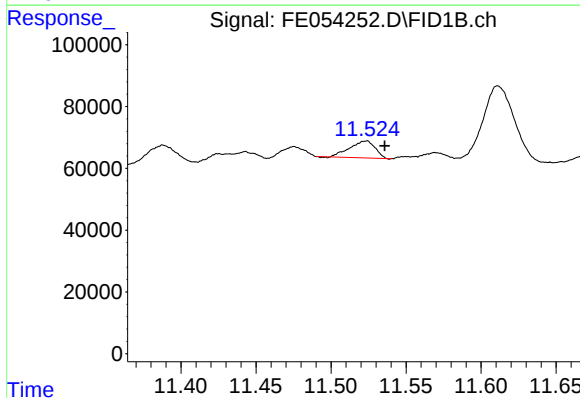
R.T.: 8.464 min
Delta R.T.: -0.014 min
Response: 178529
Conc: 1.32 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2-EPH



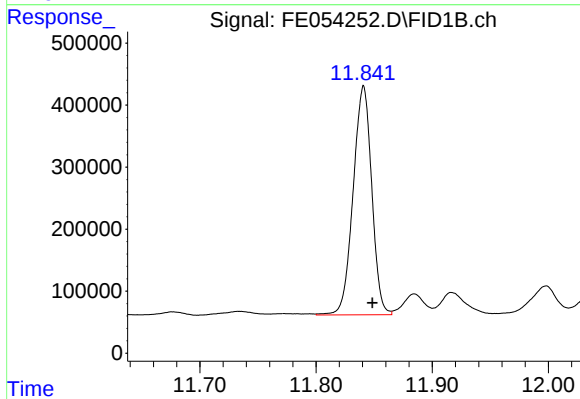
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.011 min
Response: 332246
Conc: 2.46 ug/ml



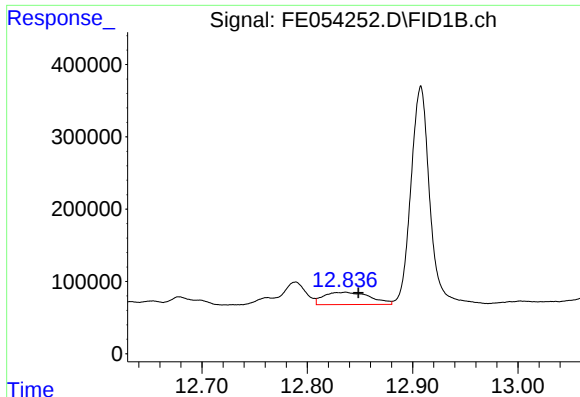
#8 n-Octadecane (C18)

R.T.: 11.523 min
Delta R.T.: -0.013 min
Response: 64208
Conc: 0.48 ug/ml



#9 ortho-Terphenyl (SURR)

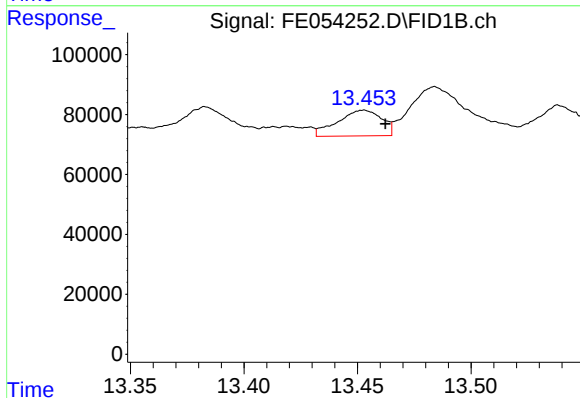
R.T.: 11.841 min
Delta R.T.: -0.008 min
Response: 4106000
Conc: 25.27 ug/ml



#10 n-Eicosane (C20)

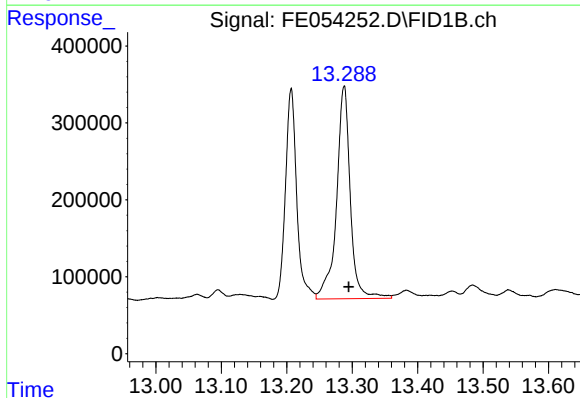
R.T.: 12.836 min
Delta R.T.: -0.013 min
Response: 519886
Conc: 3.96 ug/ml

Instrument :
FID_E
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TP-2-EPH



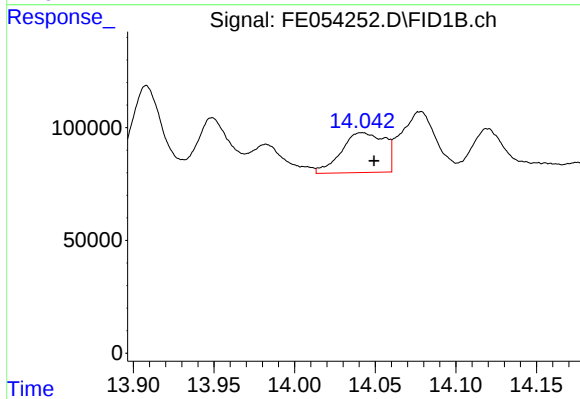
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.010 min
Response: 115971
Conc: 0.89 ug/ml



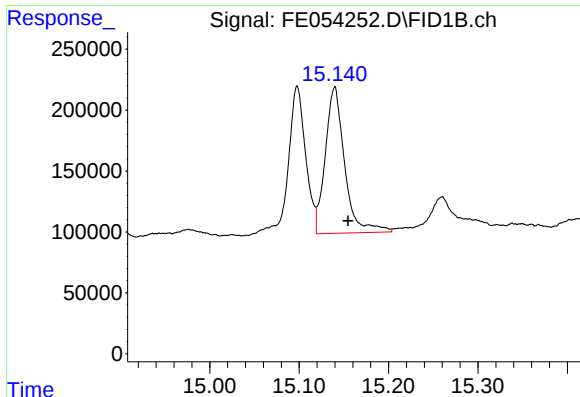
#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.007 min
Response: 4049706
Conc: 34.16 ug/ml



#13 n-Docosane (C22)

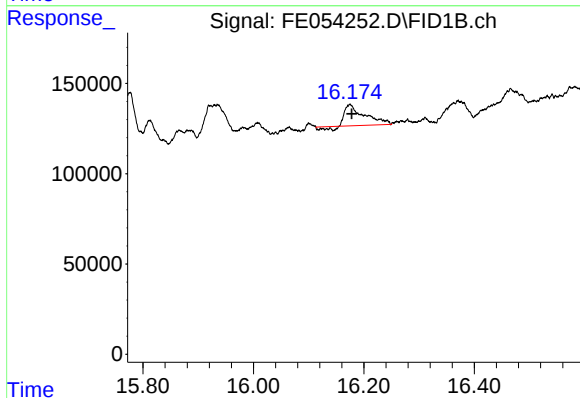
R.T.: 14.042 min
Delta R.T.: -0.007 min
Response: 328789
Conc: 2.58 ug/ml



#14 n-Tetracosane (C24)

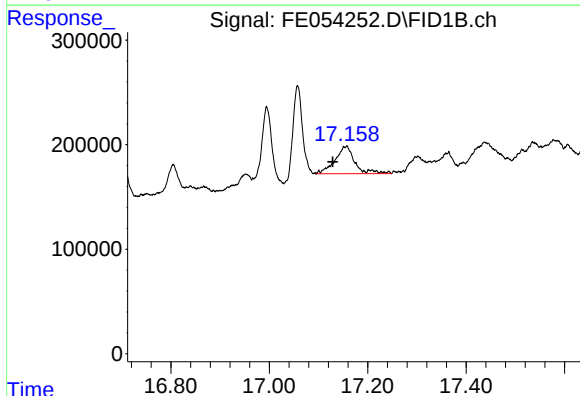
R.T.: 15.140 min
Delta R.T.: -0.015 min
Response: 1809117
Conc: 14.46 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2-EPH



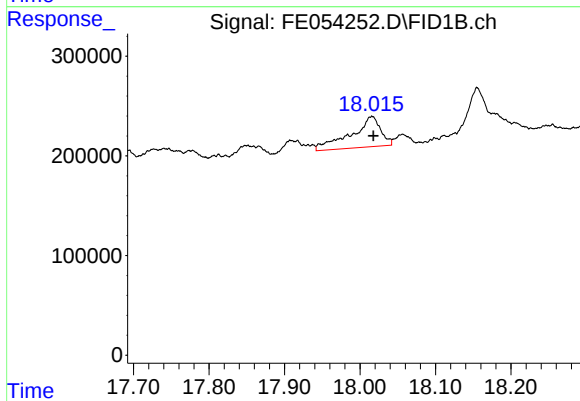
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.003 min
Response: 276565
Conc: 2.26 ug/ml



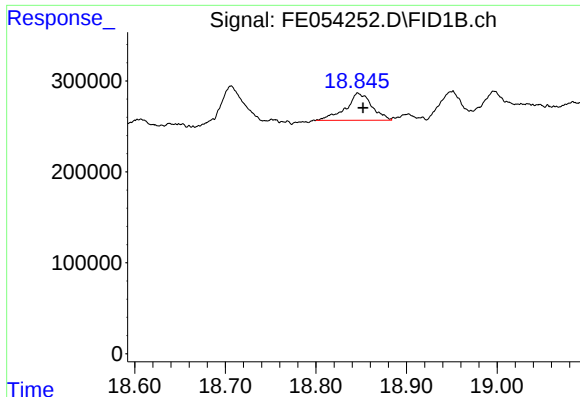
#16 n-Octacosane (C28)

R.T.: 17.156 min
Delta R.T.: 0.027 min
Response: 732631
Conc: 6.03 ug/ml



#17 n-Tricontane (C30)

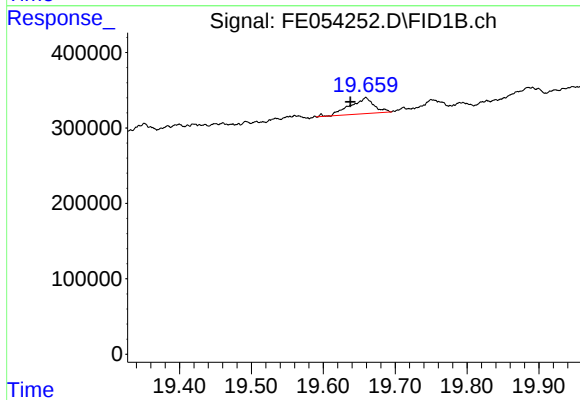
R.T.: 18.016 min
Delta R.T.: -0.002 min
Response: 829817
Conc: 6.66 ug/ml



#18 n-Dotriacontane (C32)

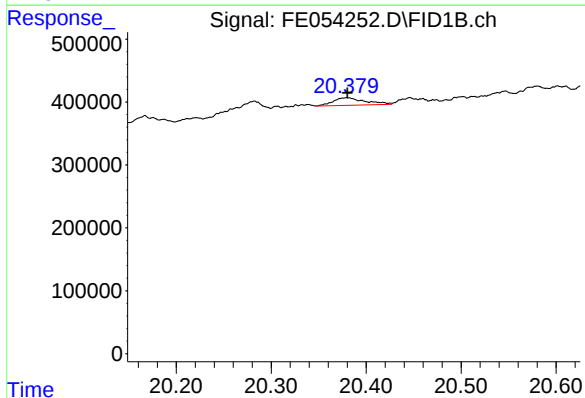
R.T.: 18.847 min
Delta R.T.: -0.005 min
Response: 594063
Conc: 4.75 ug/ml

Instrument :
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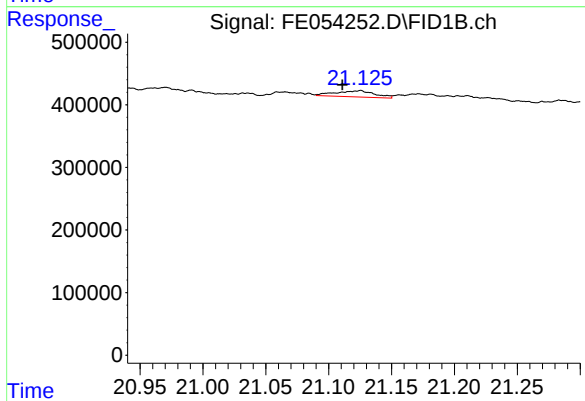
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: 0.022 min
Response: 486169
Conc: 4.08 ug/ml



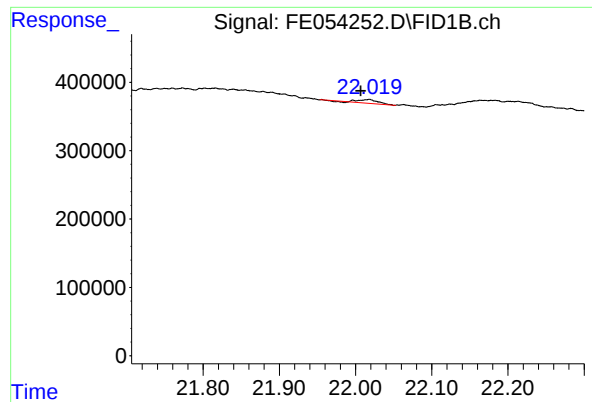
#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: 0.000 min
Response: 285869
Conc: 2.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: 0.013 min
Response: 212638
Conc: 1.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: 0.010 min
Response: 95150
Conc: 0.96 ug/ml

Instrument :

FID_E

ClientSampleId :

TP-2-EPH