

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060925AL\
 Data File : FE054247.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2025 15:40
 Operator : YP\AJ
 Sample : Q2223-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HR-04-06042025

Integration File: autoint1.e
 Quant Time: Jun 10 03:08:11 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)	11.847	11866209	73.017 ug/ml
Spiked Amount 50.000		Recovery =	146.03%
12) S 1-chlorooctadecane (S...	13.290	7296704	61.550 ug/ml
Spiked Amount 50.000		Recovery =	123.10%
Target Compounds			
2) T n-Decane (C10)	4.478	50370	0.373 ug/ml
3) T A~Naphthalene (C11.7)	6.202	935550	6.510 ug/ml
4) T n-Dodecane (C12)	6.628	2102587	15.414 ug/ml
5) T A~2-methylnaphthalene...	7.265	2180997	15.724 ug/ml
6) T n-Tetradecane (C14)	8.470	12351678	91.529 ug/ml
7) T n-Hexadecane (C16)	10.087	17542176	130.005 ug/ml
8) T n-Octadecane (C18)	11.537	15094668	112.095 ug/ml
10) T n-Eicosane (C20)	12.847	11442055	87.059 ug/ml
11) T n-Heneicosane (C21)	13.458	7419947	57.233 ug/ml
13) T n-Docosane (C22)	14.043	4736372	37.126 ug/ml
14) T n-Tetracosane (C24)	15.146	1549307	12.383 ug/ml
15) T n-Hexacosane (C26)	16.168	696213	5.686 ug/ml
16) T n-Octacosane (C28)	17.123	719421	5.918 ug/ml
17) T n-Tricontane (C30)	18.011	1217577	9.775 ug/ml
18) T n-Dotriacontane (C32)	18.850	553708	4.428 ug/ml
19) T n-Tetratriacontane (C34)	19.645	920450	7.727 ug/ml
20) T n-Hexatriacontane (C36)	20.380	859680	7.425 ug/ml
21) T n-Octatriacontane (C38)	21.116	546469	5.022 ug/ml
22) T n-Tetracontane (C40)	22.010	592159	5.967 ug/ml

(f)=RT Delta > 1/2 Window

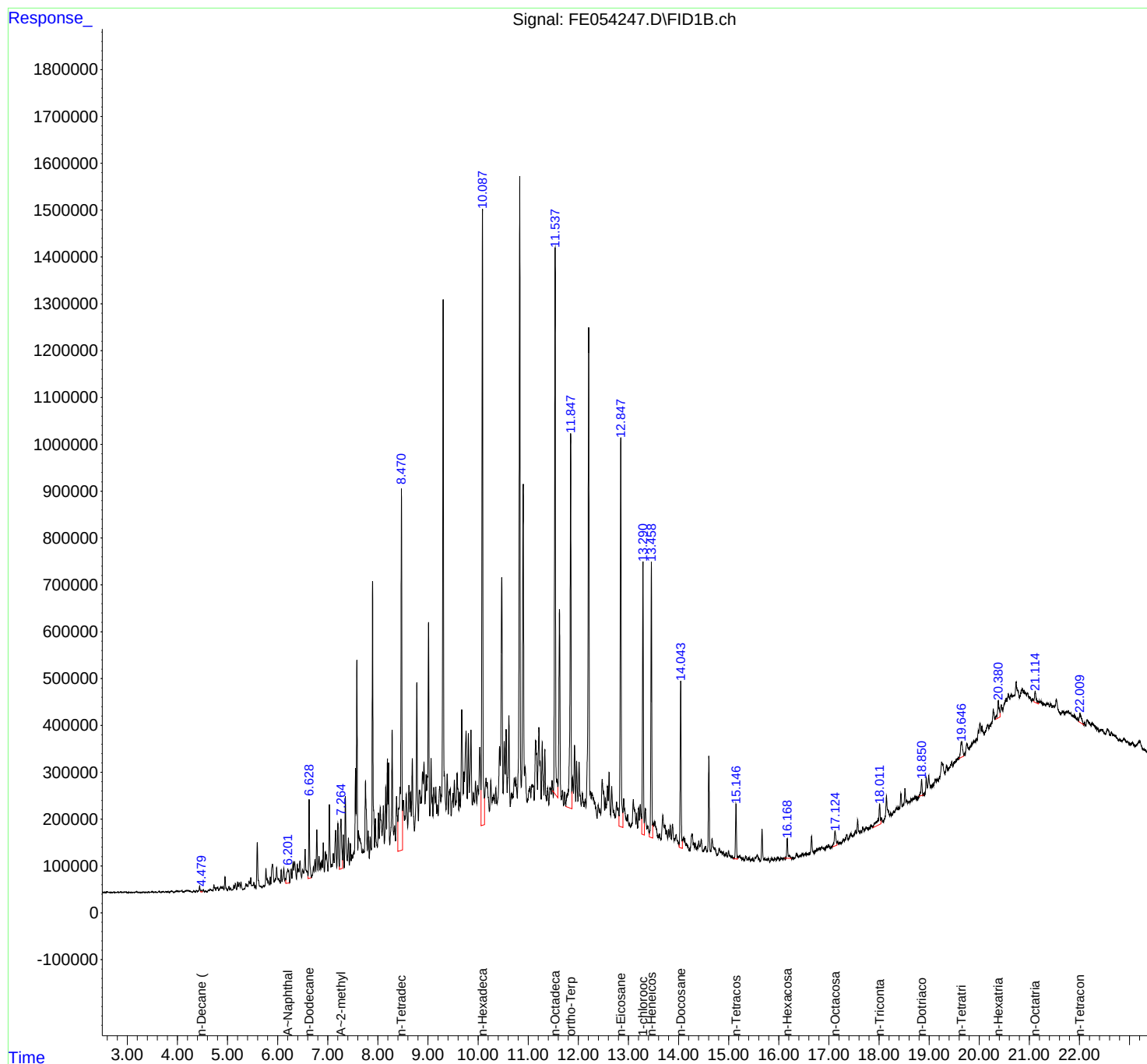
(m)=manual int.

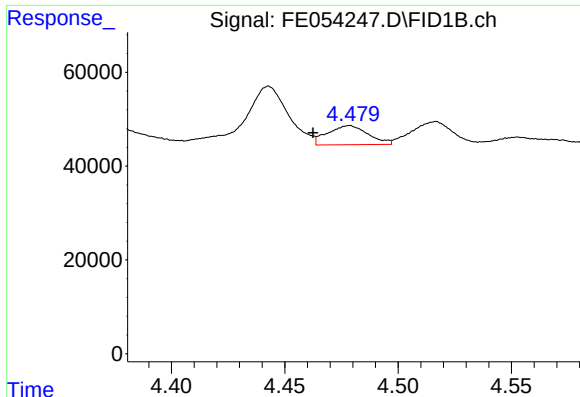
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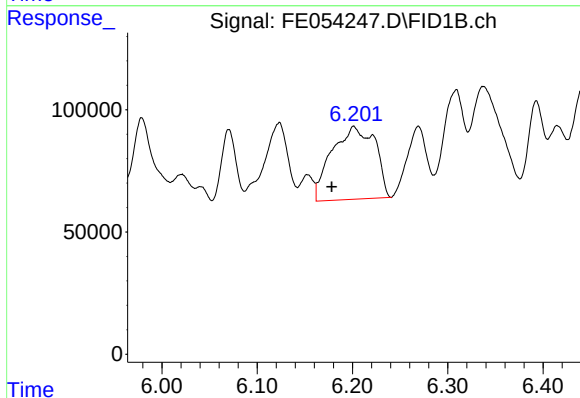




#2 n-Decane (C10)

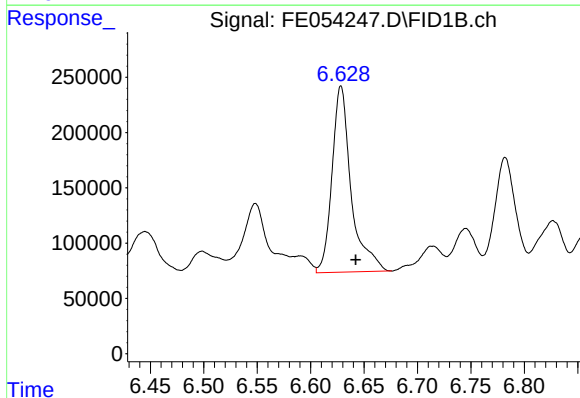
R.T.: 4.478 min
Delta R.T.: 0.016 min
Response: 50370
Conc: 0.37 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-04-06042025



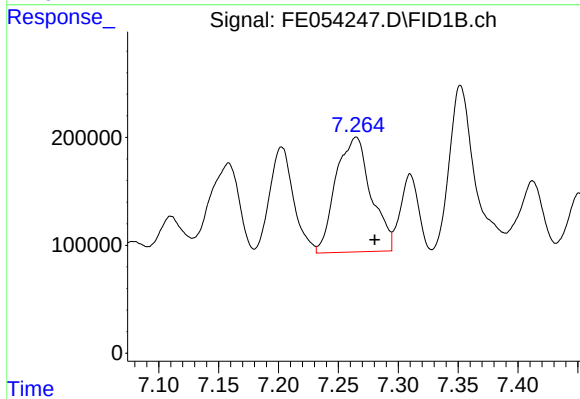
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.023 min
Response: 935550
Conc: 6.51 ug/ml



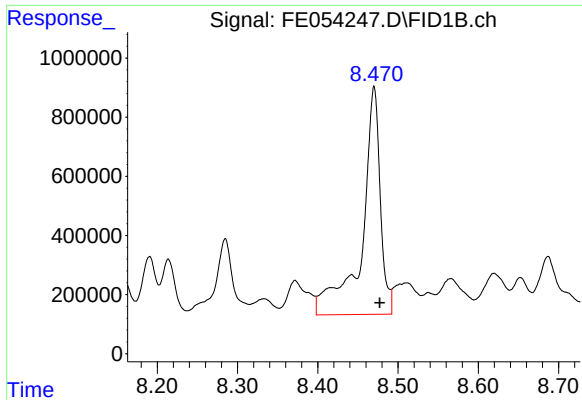
#4 n-Dodecane (C12)

R.T.: 6.628 min
Delta R.T.: -0.014 min
Response: 2102587
Conc: 15.41 ug/ml



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

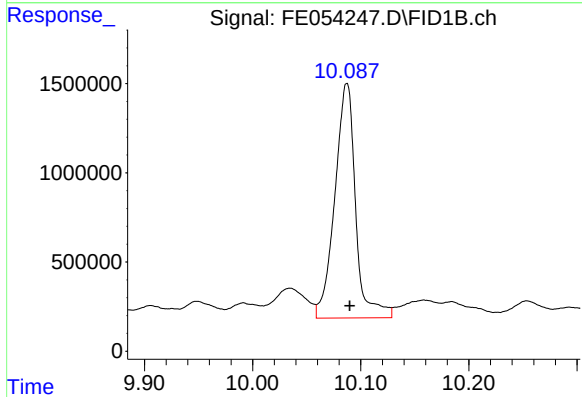
R.T.: 7.265 min
Delta R.T.: -0.016 min
Response: 2180997
Conc: 15.72 ug/ml



#6 n-Tetradecane (C14)

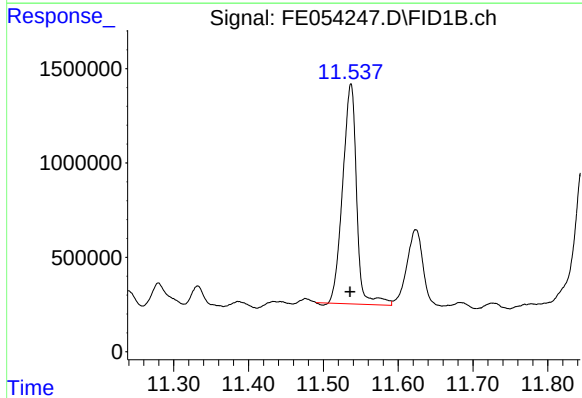
R.T.: 8.470 min
Delta R.T.: -0.007 min
Response: 12351678
Conc: 91.53 ug/ml

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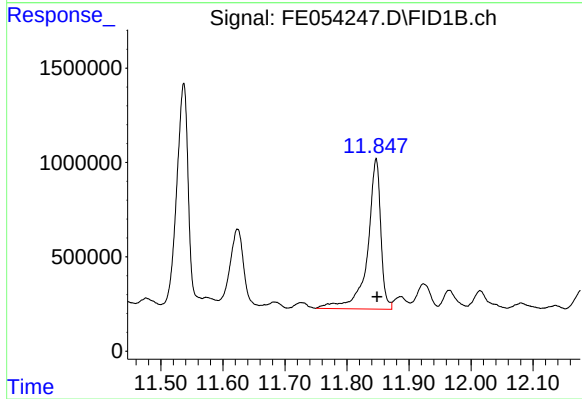
#7 n-Hexadecane (C16)

R.T.: 10.087 min
Delta R.T.: -0.003 min
Response: 17542176
Conc: 130.01 ug/ml



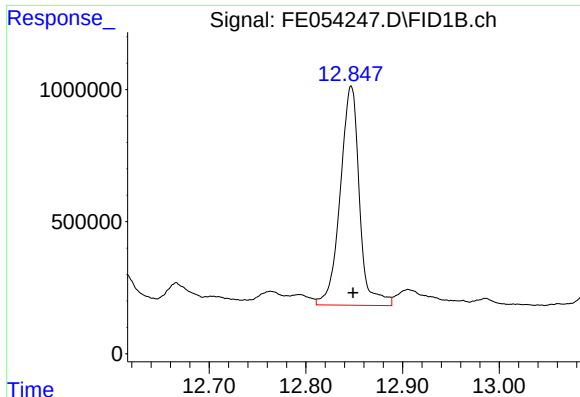
#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: 0.000 min
Response: 15094668
Conc: 112.09 ug/ml



#9 ortho-Terphenyl (SURR)

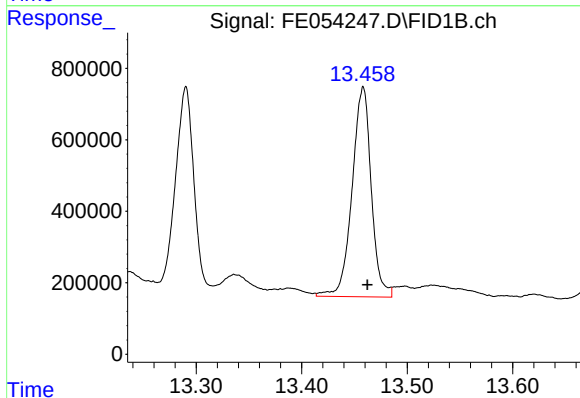
R.T.: 11.847 min
Delta R.T.: -0.002 min
Response: 11866209
Conc: 73.02 ug/ml



#10 n-Eicosane (C20)

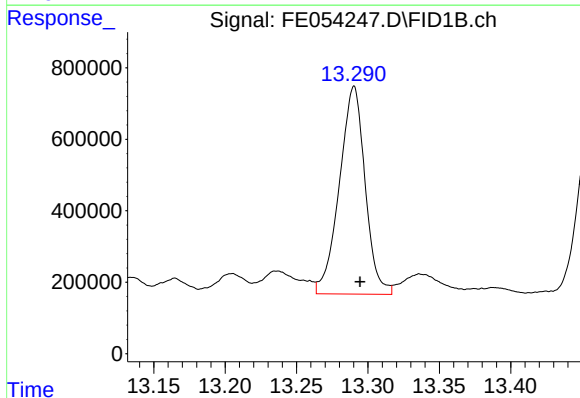
R.T.: 12.847 min
Delta R.T.: -0.002 min
Response: 11442055
Conc: 87.06 ug/ml

Instrument :
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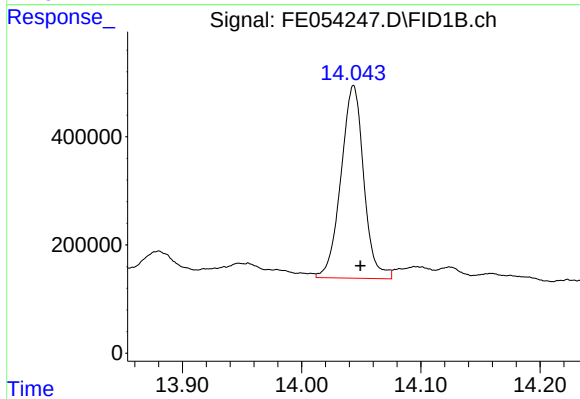
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: -0.004 min
Response: 7419947
Conc: 57.23 ug/ml



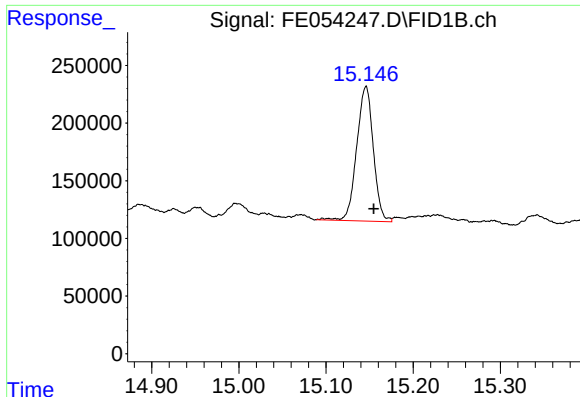
#12 1-chlorooctadecane (SURR)

R.T.: 13.290 min
Delta R.T.: -0.005 min
Response: 7296704
Conc: 61.55 ug/ml



#13 n-Docosane (C22)

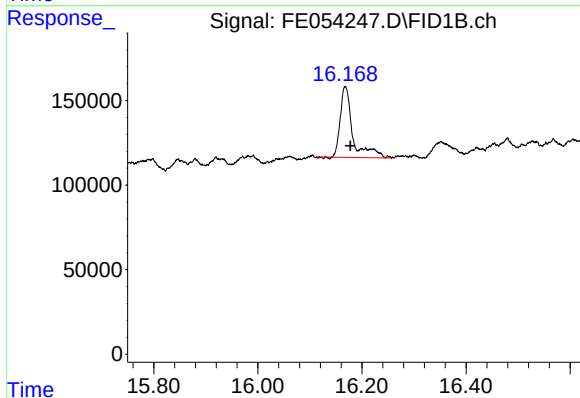
R.T.: 14.043 min
Delta R.T.: -0.006 min
Response: 4736372
Conc: 37.13 ug/ml



#14 n-Tetracosane (C24)

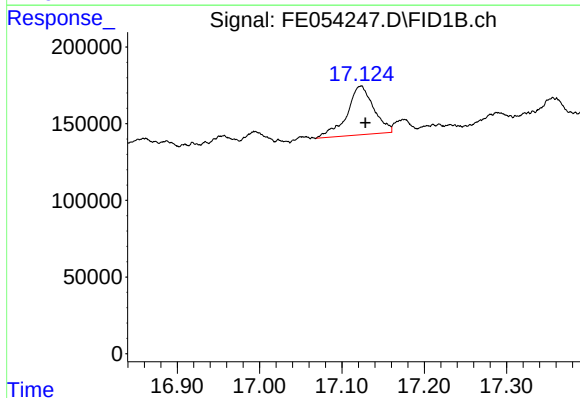
R.T.: 15.146 min
Delta R.T.: -0.009 min
Response: 1549307
Conc: 12.38 ug/ml

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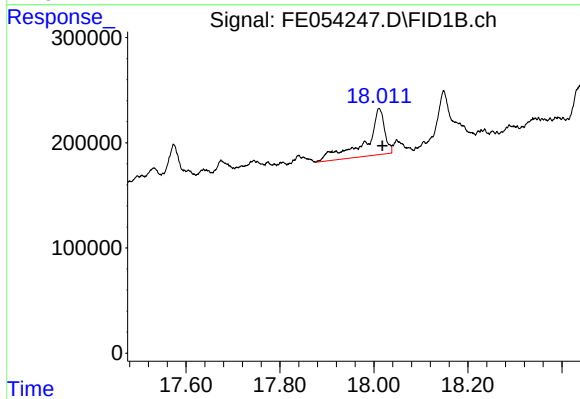
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.010 min
Response: 696213
Conc: 5.69 ug/ml



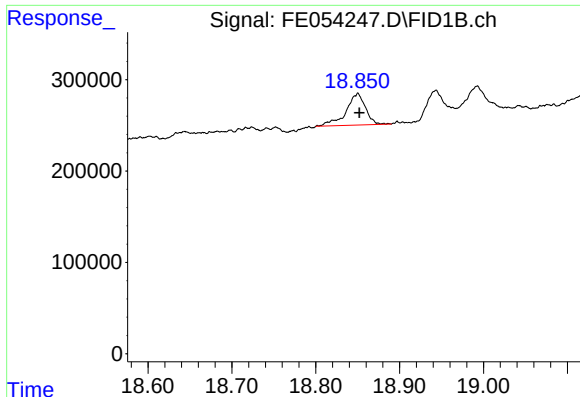
#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.006 min
Response: 719421
Conc: 5.92 ug/ml



#17 n-Tricontane (C30)

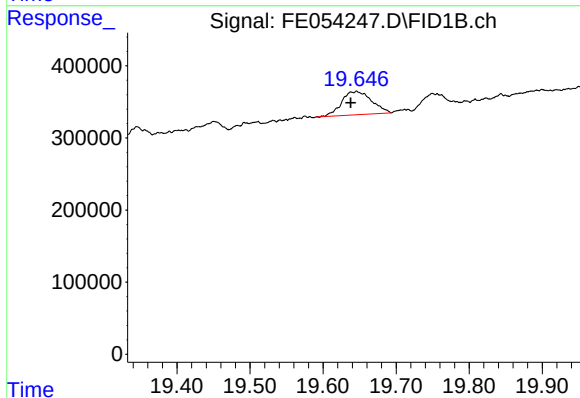
R.T.: 18.011 min
Delta R.T.: -0.006 min
Response: 1217577
Conc: 9.77 ug/ml



#18 n-Dotriacontane (C32)

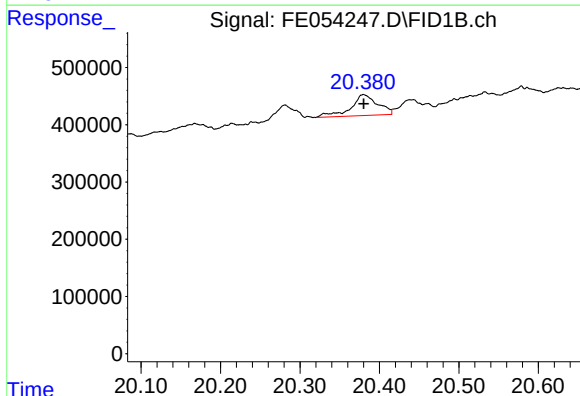
R.T.: 18.850 min
Delta R.T.: -0.002 min
Response: 553708
Conc: 4.43 ug/ml

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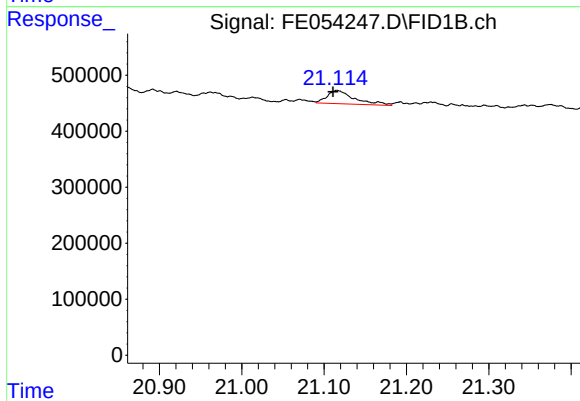
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.008 min
Response: 920450
Conc: 7.73 ug/ml



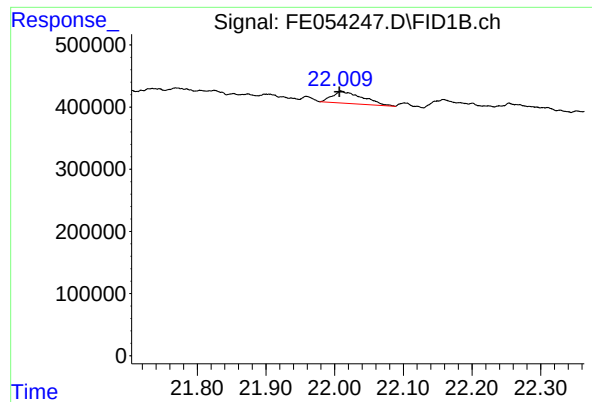
#20 n-Hexatriacontane (C36)

R.T.: 20.380 min
Delta R.T.: 0.000 min
Response: 859680
Conc: 7.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: 0.005 min
Response: 546469
Conc: 5.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: 0.003 min
Response: 592159
Conc: 5.97 ug/ml

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