

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042524AL\
 Data File : FE047809.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2024 19:14
 Operator : YP\AJ
 Sample : P2262-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HR-03-04242024

Integration File: autoint1.e
 Quant Time: Apr 26 02:15:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.979	6643598	38.304 ug/ml
Spiked Amount 50.000		Recovery =	76.61%
12) S 1-chlorooctadecane (S...	13.420	47368225	352.190 ug/ml
Spiked Amount 50.000		Recovery =	704.38%
Target Compounds			
1) T n-Nonane (C9)	3.353	53776	0.344 ug/ml
2) T n-Decane (C10)	4.606	343829	2.139 ug/ml
3) T A~Naphthalene (C11.7)	6.334	551641	3.253 ug/ml
4) T n-Dodecane (C12)	6.775	2627961	16.191 ug/ml
5) T A~2-methylnaphthalene...	7.418	1437564	8.754 ug/ml
6) T n-Tetradecane (C14)	8.606	6188152	38.466 ug/ml
7) T n-Hexadecane (C16)	10.215	8443258	50.840 ug/ml
8) T n-Octadecane (C18)	11.658	7454490	44.452 ug/ml
10) T n-Eicosane (C20)	12.967	5312966	32.795 ug/ml
11) T n-Heneicosane (C21)	13.581	3400504	21.431 ug/ml
13) T n-Docosane (C22)	14.163	2479653	15.451 ug/ml
14) T n-Tetracosane (C24)	15.263	1745621	10.575 ug/ml
15) T n-Hexacosane (C26)	16.285	669393	4.050 ug/ml
16) T n-Octacosane (C28)	17.237	692488	4.179 ug/ml
17) T n-Tricontane (C30)	18.126	905210	5.332 ug/ml
18) T n-Dotriacontane (C32)	18.959	612617	3.674 ug/ml
19) T n-Tetratriacontane (C34)	19.742	423826	2.643 ug/ml
20) T n-Hexatriacontane (C36)	20.483	524416	3.288 ug/ml
21) T n-Octatriacontane (C38)	21.231	366547	2.255 ug/ml
22) T n-Tetracontane (C40)	22.165	473200	2.890 ug/ml

(f)=RT Delta > 1/2 Window

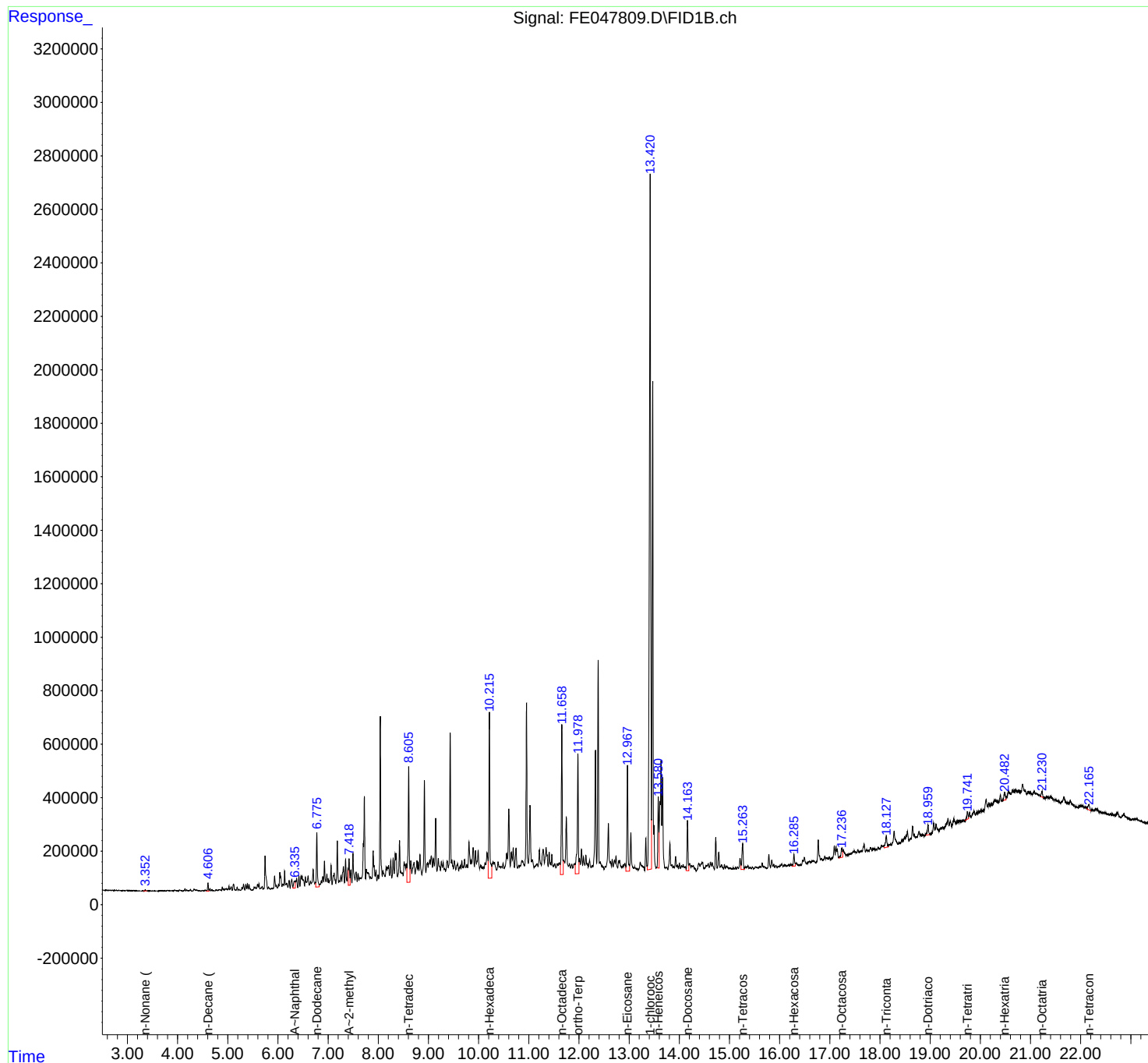
(m)=manual int.

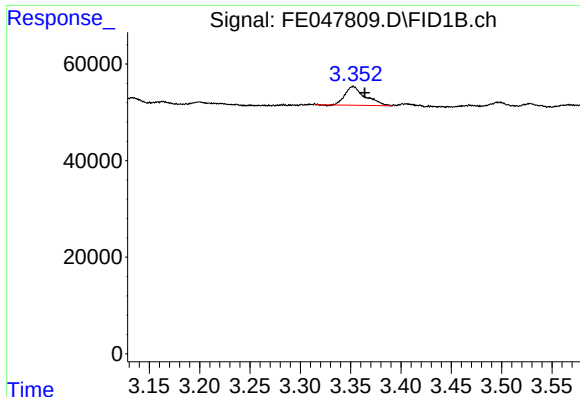
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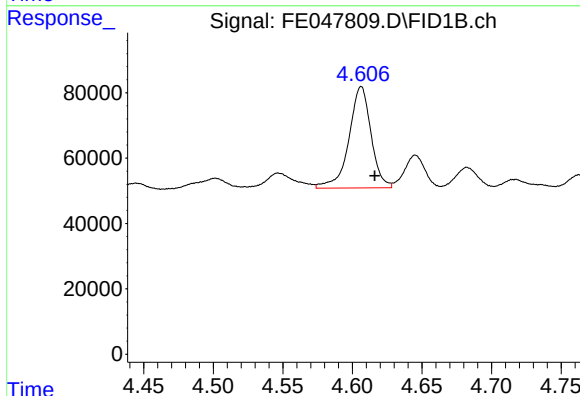




#1 n-Nonane (C9)

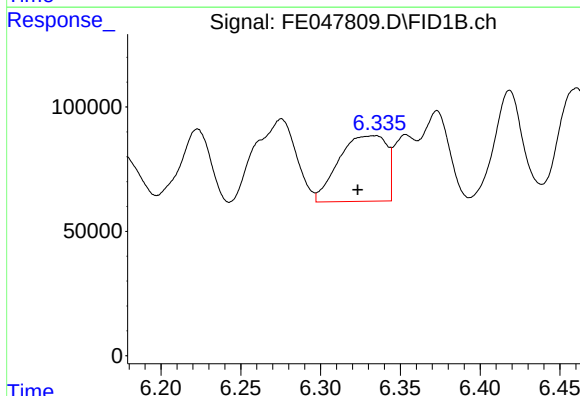
R.T.: 3.353 min
Delta R.T.: -0.011 min
Response: 53776
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :
HR-03-04242024



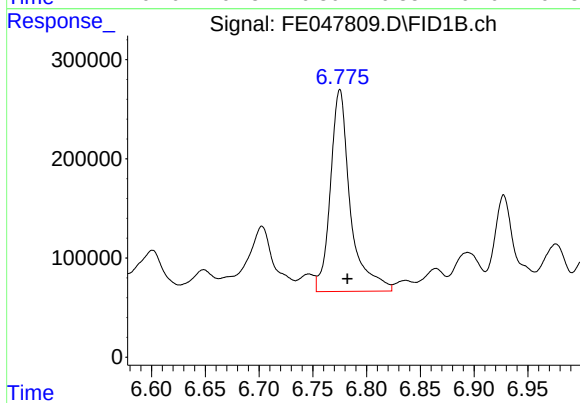
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: -0.010 min
Response: 343829
Conc: 2.14 ug/ml



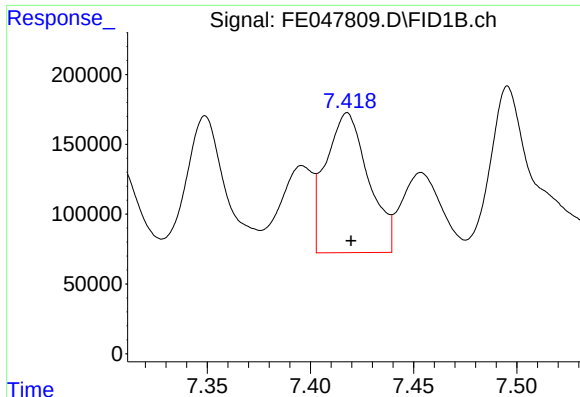
#3 A~Naphthalene (C11.7)

R.T.: 6.334 min
Delta R.T.: 0.011 min
Response: 551641
Conc: 3.25 ug/ml



#4 n-Dodecane (C12)

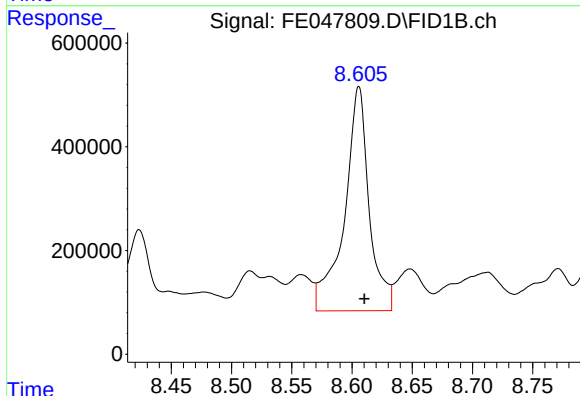
R.T.: 6.775 min
Delta R.T.: -0.007 min
Response: 2627961
Conc: 16.19 ug/ml



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

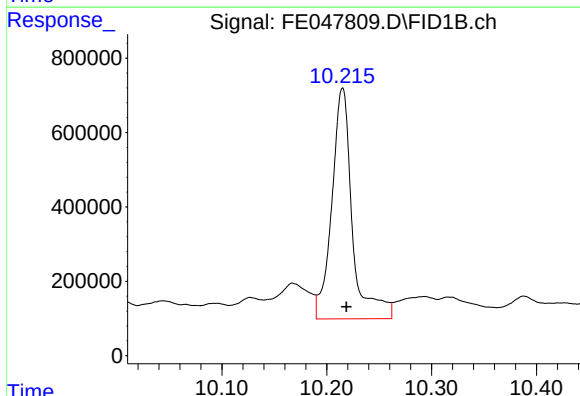
R.T.: 7.418 min
Delta R.T.: -0.002 min
Response: 1437564
Conc: 8.75 ug/ml

Instrument :
FID_E
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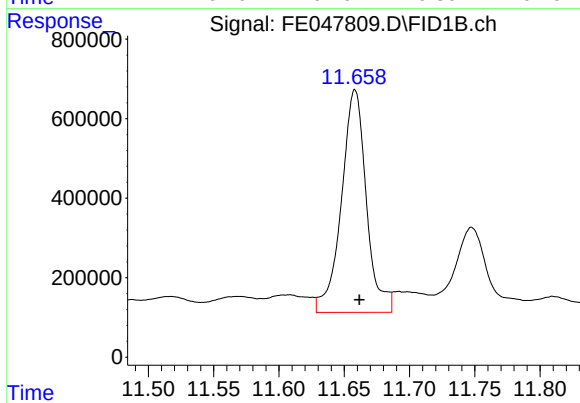
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.005 min
Response: 6188152
Conc: 38.47 ug/ml



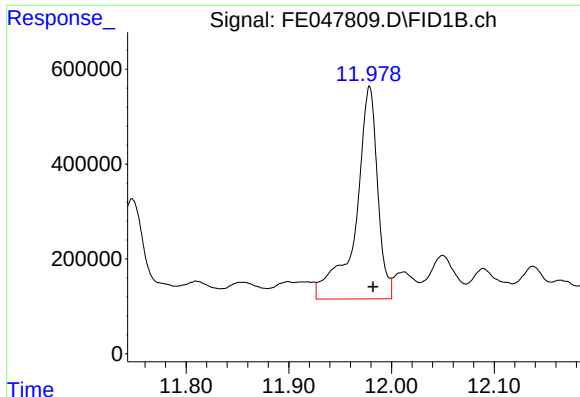
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: -0.004 min
Response: 8443258
Conc: 50.84 ug/ml



#8 n-Octadecane (C18)

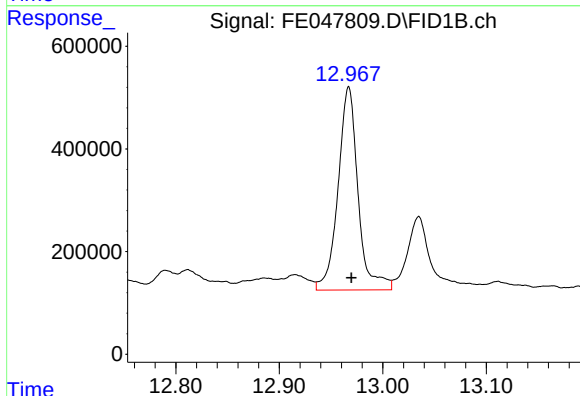
R.T.: 11.658 min
Delta R.T.: -0.003 min
Response: 7454490
Conc: 44.45 ug/ml



#9 ortho-Terphenyl (SURR)

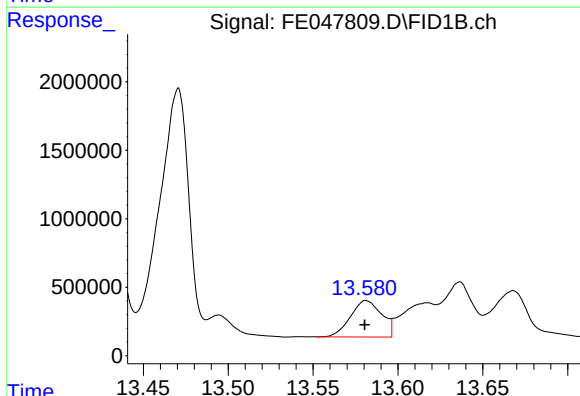
R.T.: 11.979 min
Delta R.T.: -0.003 min
Response: 6643598
Conc: 38.30 ug/ml

Instrument :
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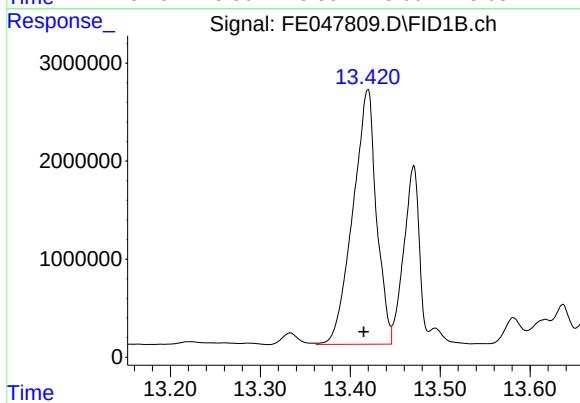
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: -0.002 min
Response: 5312966
Conc: 32.80 ug/ml



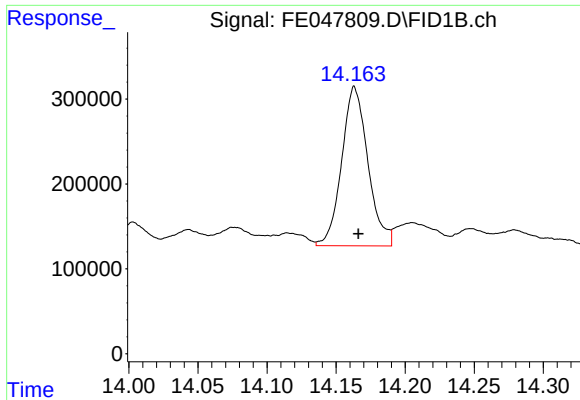
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: 0.000 min
Response: 3400504
Conc: 21.43 ug/ml



#12 1-chlorooctadecane (SURR)

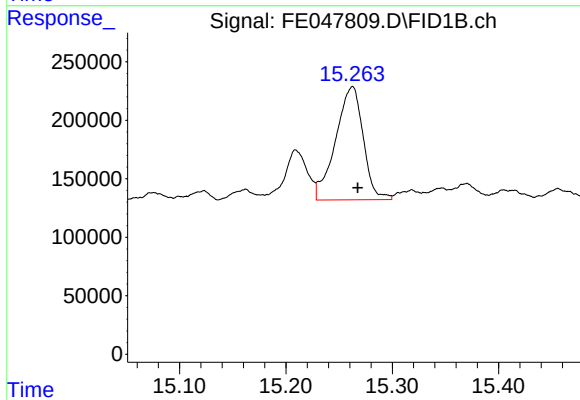
R.T.: 13.420 min
Delta R.T.: 0.004 min
Response: 47368225
Conc: 352.19 ug/ml



#13 n-Docosane (C22)

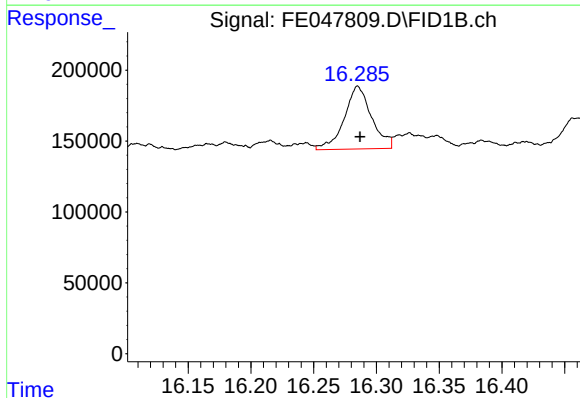
R.T.: 14.163 min
Delta R.T.: -0.003 min
Response: 2479653
Conc: 15.45 ug/ml

Instrument :
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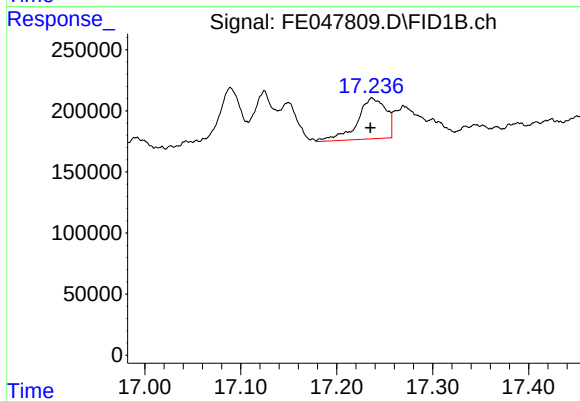
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.005 min
Response: 1745621
Conc: 10.58 ug/ml



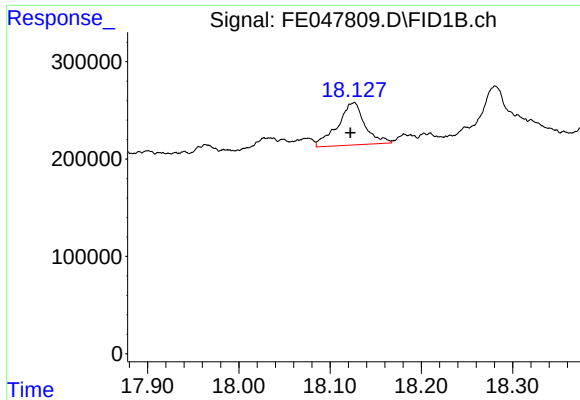
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: -0.002 min
Response: 669393
Conc: 4.05 ug/ml



#16 n-Octacosane (C28)

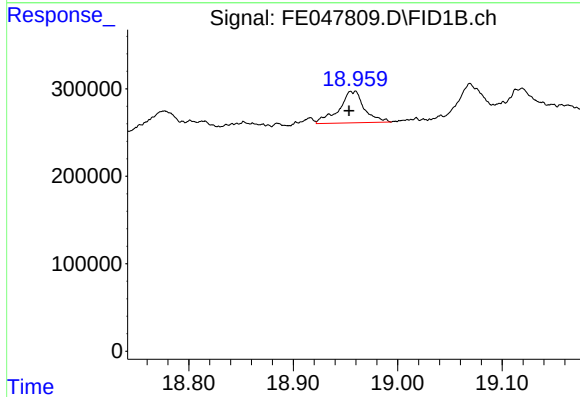
R.T.: 17.237 min
Delta R.T.: 0.002 min
Response: 692488
Conc: 4.18 ug/ml



#17 n-Tricontane (C30)

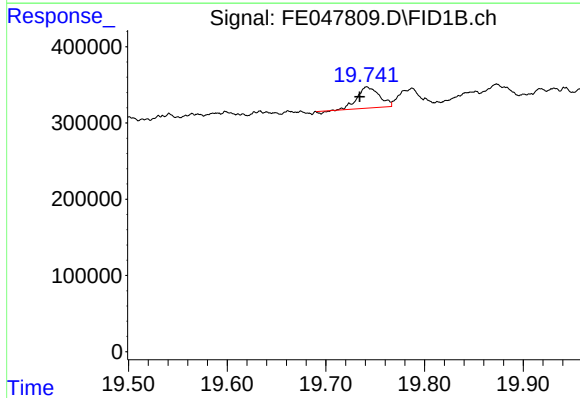
R.T.: 18.126 min
Delta R.T.: 0.004 min
Response: 905210
Conc: 5.33 ug/ml

Instrument :
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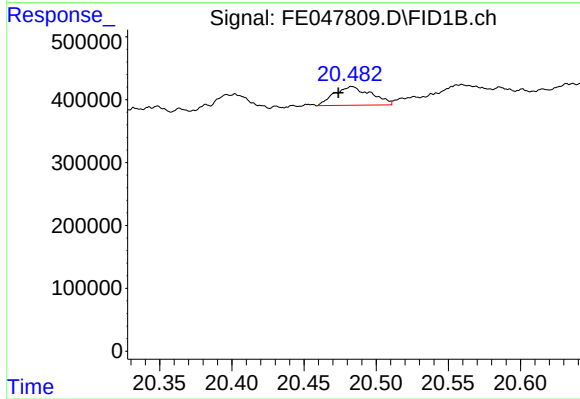
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.006 min
Response: 612617
Conc: 3.67 ug/ml



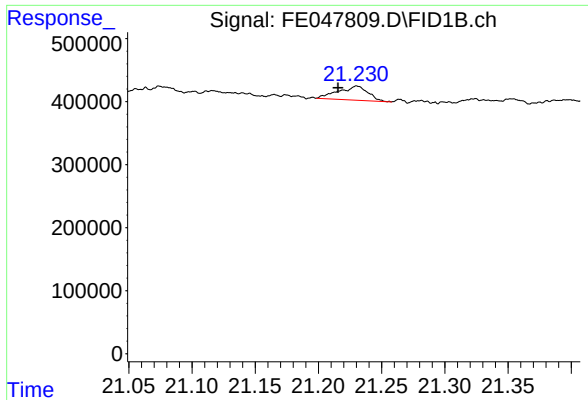
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.007 min
Response: 423826
Conc: 2.64 ug/ml



#20 n-Hexatriacontane (C36)

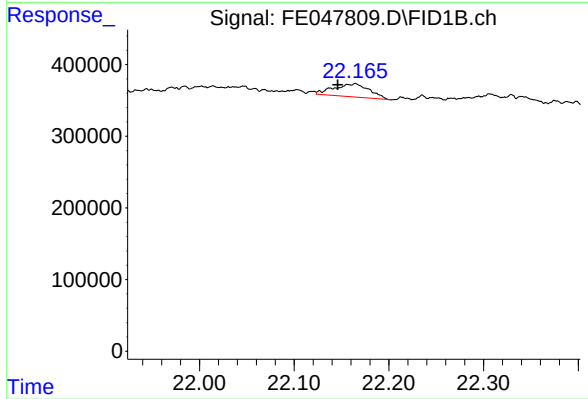
R.T.: 20.483 min
Delta R.T.: 0.009 min
Response: 524416
Conc: 3.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.231 min
Delta R.T.: 0.015 min
Response: 366547
Conc: 2.26 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.165 min
Delta R.T.: 0.019 min
Response: 473200
Conc: 2.89 ug/ml