

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081023AL\
 Data File : FE043865.D
 Signal(s) : FID1B.ch
 Acq On : 10 Aug 2023 22:52
 Operator : YP\AJ
 Sample : 03952-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OK-1-080923MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
 Quant Time: Aug 11 03:15:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 2023
 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)	11.948	7072259	34.319 ug/ml
Spiked Amount 50.000		Recovery =	68.64%
12) S 1-chlorooctadecane (S...	13.387	6271159	40.188 ug/ml
Spiked Amount 50.000		Recovery =	80.38%
Target Compounds			
1) T n-Nonane (C9)	3.331	4792554	29.678 ug/ml
2) T n-Decane (C10)	4.584	5560987	33.741 ug/ml
3) T A~Naphthalene (C11.7)	6.284	6513896	35.777 ug/ml
4) T n-Dodecane (C12)	6.747	6277068	37.506 ug/ml
5) T A~2-methylnaphthalene...	7.381	6772653	38.043 ug/ml
6) T n-Tetradecane (C14)	8.578	6854206	40.682 ug/ml
7) T n-Hexadecane (C16)	10.186	7608857	43.134 ug/ml
8) T n-Octadecane (C18)	11.631	7553146	41.696 ug/ml
10) T n-Eicosane (C20)	12.944	7896421	44.621 ug/ml
11) T n-Heneicosane (C21)	13.556	7449208	42.071 ug/ml
13) T n-Docosane (C22)	14.143	7589721	43.271 ug/ml
14) T n-Tetracosane (C24)	15.246	4938742	28.109 ug/mlm
15) T n-Hexacosane (C26)	16.274	6845830	39.609 ug/ml
16) T n-Octacosane (C28)	17.225	7385690	44.141 ug/ml
17) T n-Tricontane (C30)	18.118	6953657	41.984 ug/ml
18) T n-Dotriacontane (C32)	18.954	6651369	42.126 ug/ml
19) T n-Tetratriacontane (C34)	19.740	6530157	43.945 ug/mlm
20) T n-Hexatriacontane (C36)	20.484	5529784	39.561 ug/mlm
21) T n-Octatriacontane (C38)	21.236	7408722	55.535 ug/mlm
22) T n-Tetracontane (C40)	22.174	5961180	46.201 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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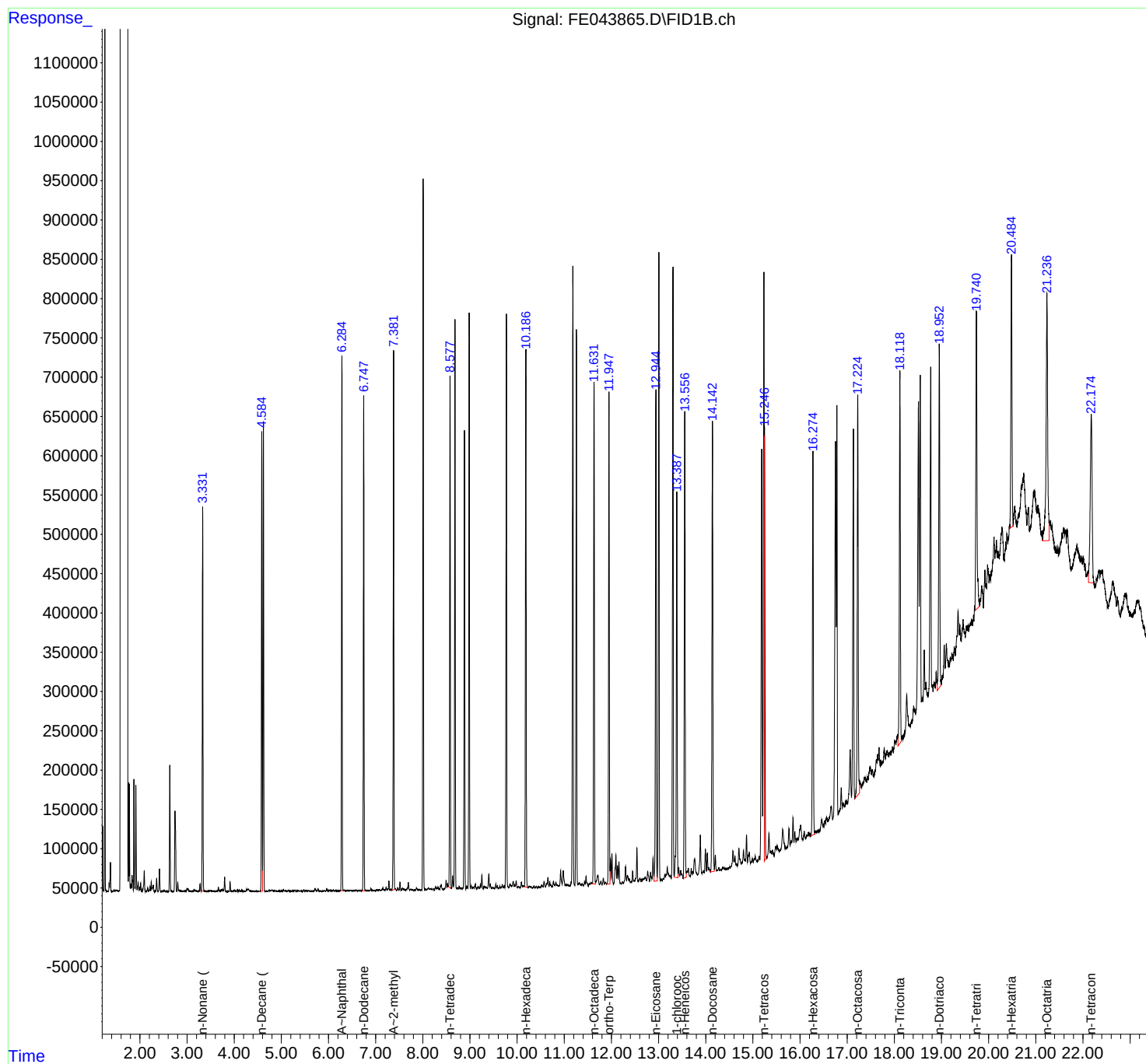
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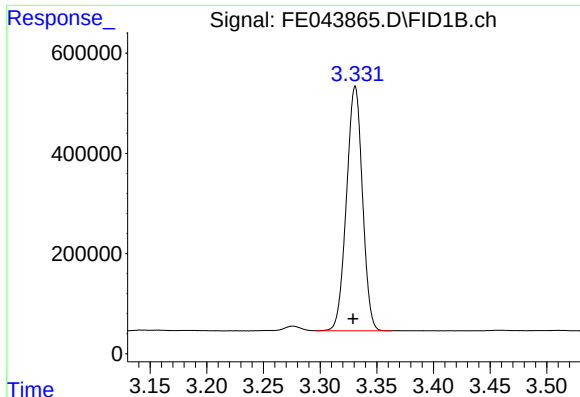
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#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: 0.002 min
Response: 4792554
Conc: 29.68 ug/ml

Instrument :

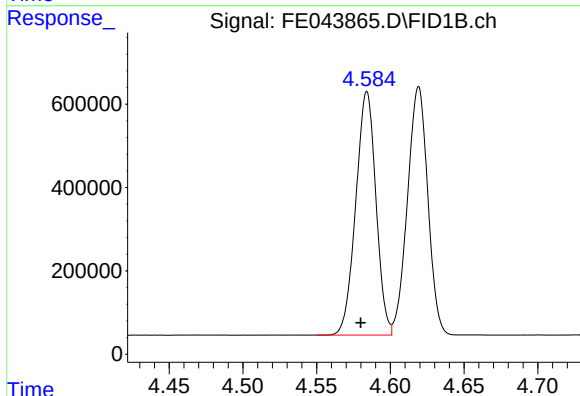
FID_E

ClientSampleId :

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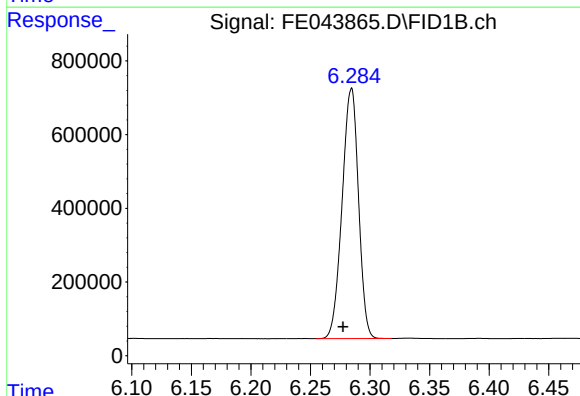
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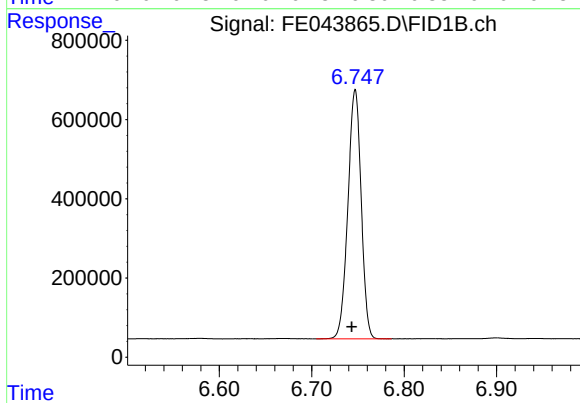
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: 0.004 min
Response: 5560987
Conc: 33.74 ug/ml



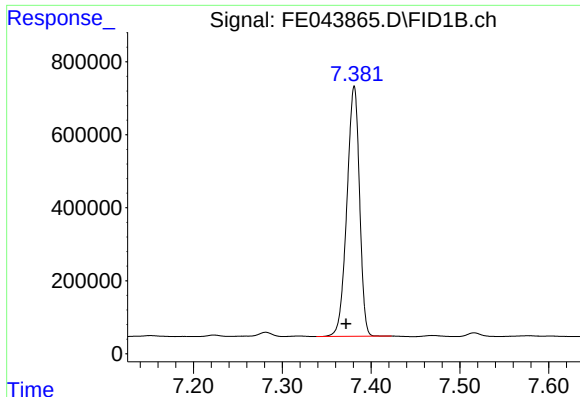
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: 0.007 min
Response: 6513896
Conc: 35.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.747 min
Delta R.T.: 0.004 min
Response: 6277068
Conc: 37.51 ug/ml



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

R.T.: 7.381 min
Delta R.T.: 0.009 min
Response: 6772653
Conc: 38.04 ug/ml

Instrument :

FID_E

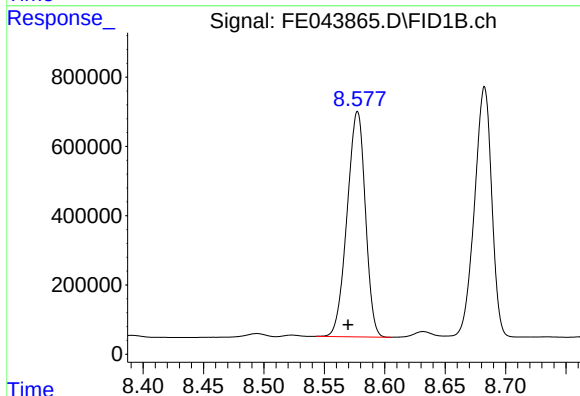
ClientSampleId :

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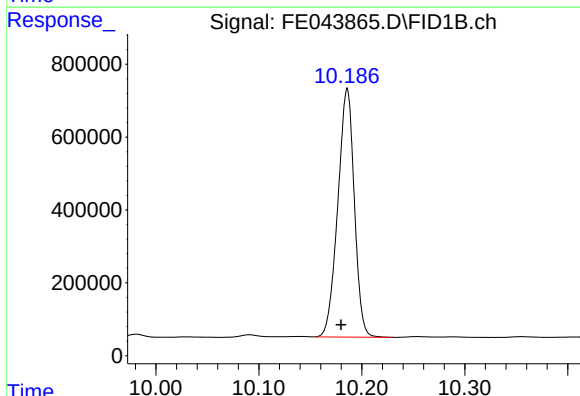
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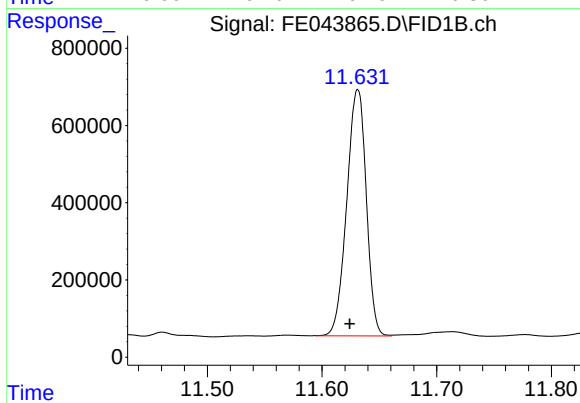
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: 0.008 min
Response: 6854206
Conc: 40.68 ug/ml



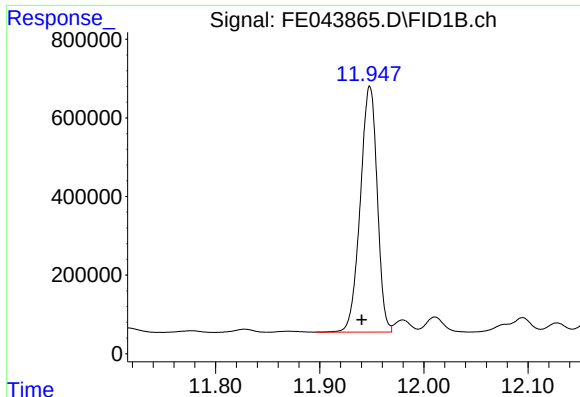
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: 0.006 min
Response: 7608857
Conc: 43.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.631 min
Delta R.T.: 0.007 min
Response: 7553146
Conc: 41.70 ug/ml



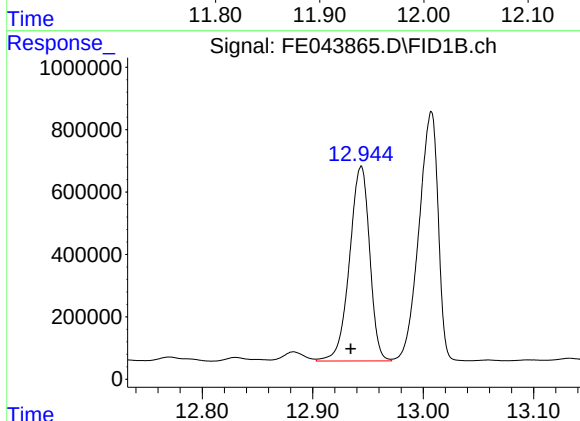
#9 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: 0.008 min
Response: 7072259
Conc: 34.32 ug/ml

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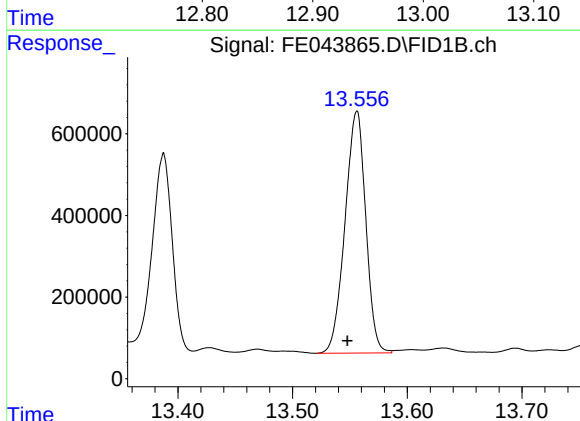
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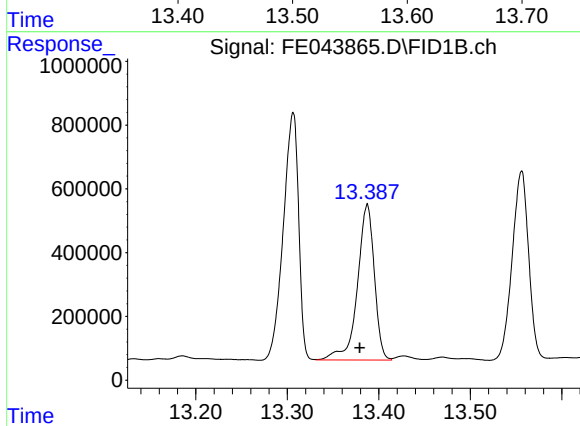
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.010 min
Response: 7896421
Conc: 44.62 ug/ml



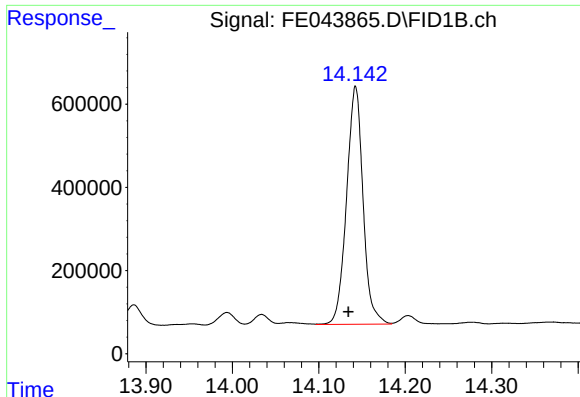
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.008 min
Response: 7449208
Conc: 42.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.387 min
Delta R.T.: 0.008 min
Response: 6271159
Conc: 40.19 ug/ml



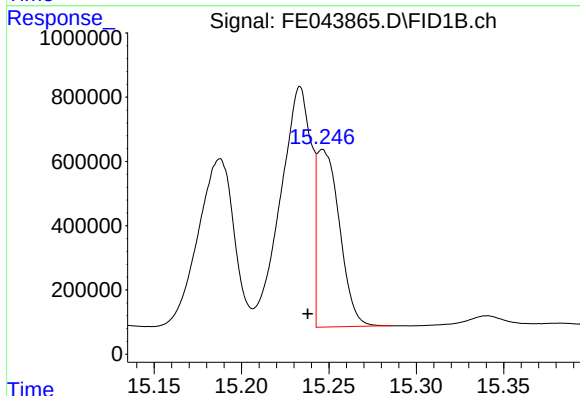
#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: 0.009 min
Response: 7589721
Conc: 43.27 ug/ml

Instrument :
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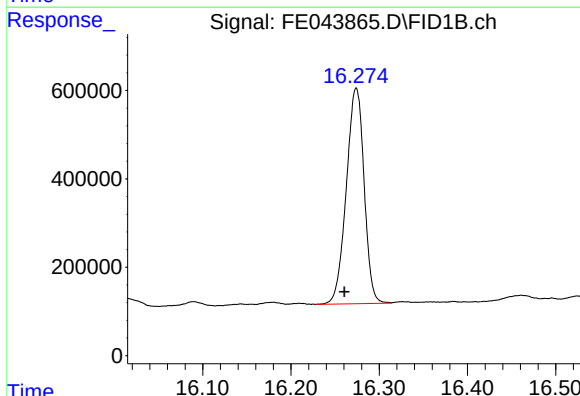
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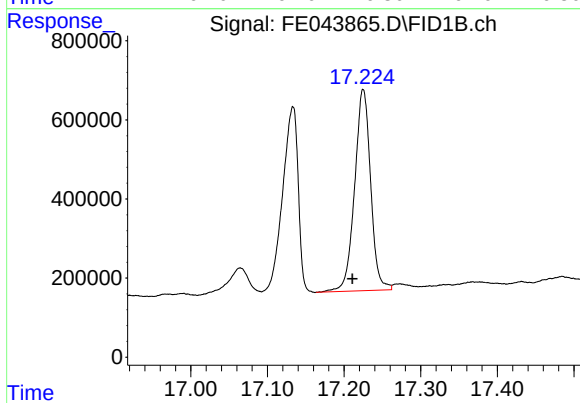
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: 0.008 min
Response: 4938742
Conc: 28.11 ug/ml m



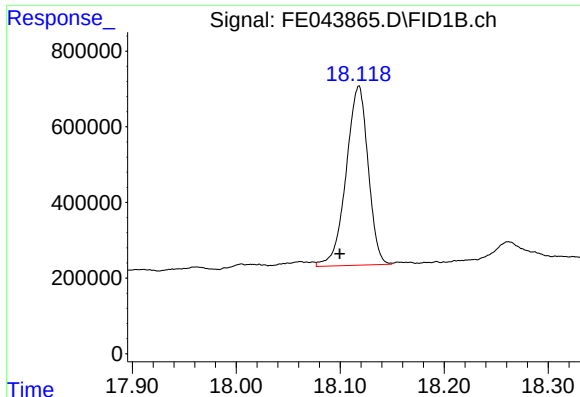
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: 0.014 min
Response: 6845830
Conc: 39.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: 0.014 min
Response: 7385690
Conc: 44.14 ug/ml



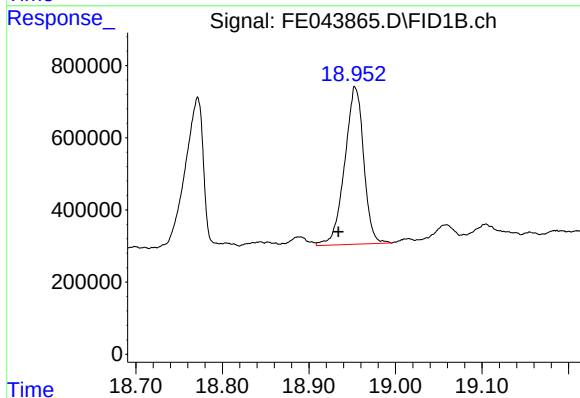
#17 n-Tricontane (C30)

R.T.: 18.118 min
Delta R.T.: 0.018 min
Response: 6953657
Conc: 41.98 ug/ml

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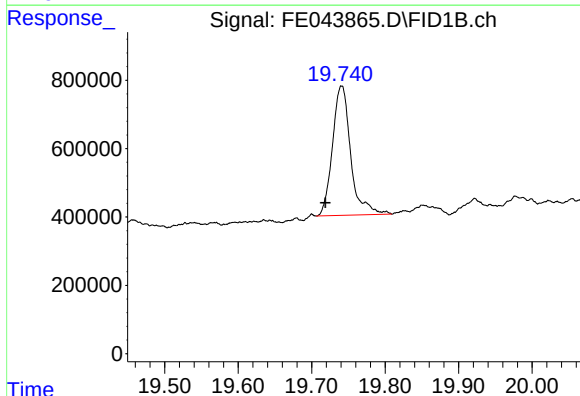
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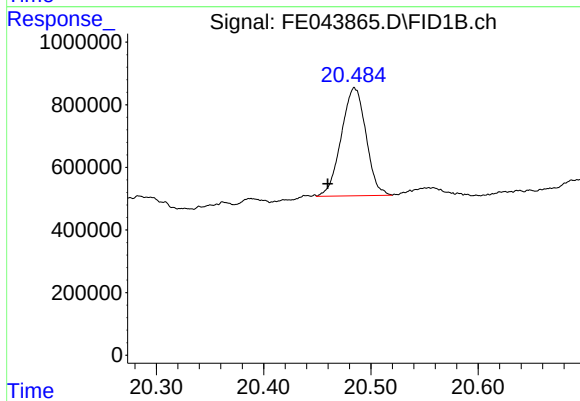
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.019 min
Response: 6651369
Conc: 42.13 ug/ml



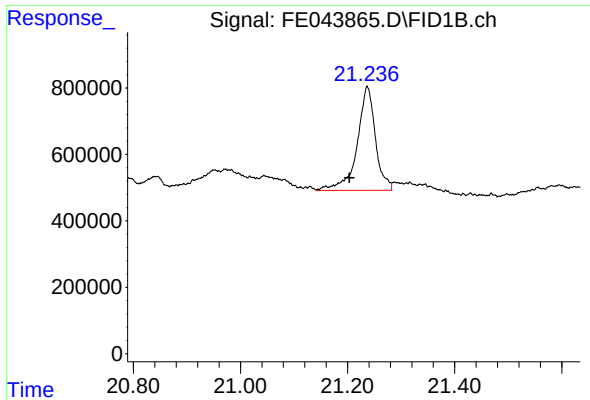
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.021 min
Response: 6530157
Conc: 43.94 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.484 min
Delta R.T.: 0.024 min
Response: 5529784
Conc: 39.56 ug/ml m



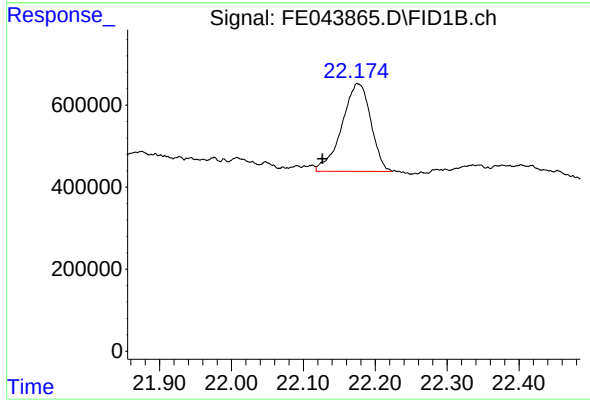
#21 n-Octatriacontane (C38)

R.T.: 21.236 min
Delta R.T.: 0.032 min
Response: 7408722
Conc: 55.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.174 min
Delta R.T.: 0.047 min
Response: 5961180
Conc: 46.20 ug/ml m