

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102022AL\
 Data File : FE038241.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2022 19:05
 Operator : YP\AJ
 Sample : N5184-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-02-101822-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2022
 Supervised By :Ankita Jodhani 10/21/2022

Integration File: autoint1.e
 Quant Time: Oct 21 04:06:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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)	11.601	4369055	25.260 ug/ml
Spiked Amount 50.000		Recovery =	50.52%
12) S 1-chlorooctadecane (S...	13.021	7424238	54.928 ug/ml
Spiked Amount 50.000		Recovery =	109.86%
Target Compounds			
1) T n-Nonane (C9)	2.990	3182445	21.608 ug/ml
2) T n-Decane (C10)	4.249	3593576	24.306 ug/ml
3) T A~Naphthalene (C11.7)	5.970	3843646	28.068 ug/ml
4) T n-Dodecane (C12)	6.423	4526595	29.706 ug/ml
5) T A~2-methylnaphthalene...	7.063	3842880	28.914 ug/mlm
6) T n-Tetradecane (C14)	8.244	5719173	37.368 ug/ml
7) T n-Hexadecane (C16)	9.843	6226125	39.860 ug/ml
8) T n-Octadecane (C18)	11.278	6137530	38.264 ug/ml
10) T n-Eicosane (C20)	12.581	5978690	36.663 ug/ml
11) T n-Heneicosane (C21)	13.189	5410461	32.837 ug/ml
13) T n-Docosane (C22)	13.773	5201037	31.596 ug/ml
14) T n-Tetracosane (C24)	14.870	9636424	58.757 ug/ml
15) T n-Hexacosane (C26)	15.888	4765353	29.224 ug/ml
16) T n-Octacosane (C28)	16.832	5942200	37.092 ug/ml
17) T n-Tricontane (C30)	17.721	4900568	30.623 ug/ml
18) T n-Dotriacontane (C32)	18.549	4871423	30.936 ug/ml
19) T n-Tetratriacontane (C34)	19.332	4818378	32.522 ug/mlm
20) T n-Hexatriacontane (C36)	20.068	4614915	32.011 ug/ml
21) T n-Octatriacontane (C38)	20.767	4771770	35.164 ug/mlm
22) T n-Tetracontane (C40)	21.542	5146982	40.434 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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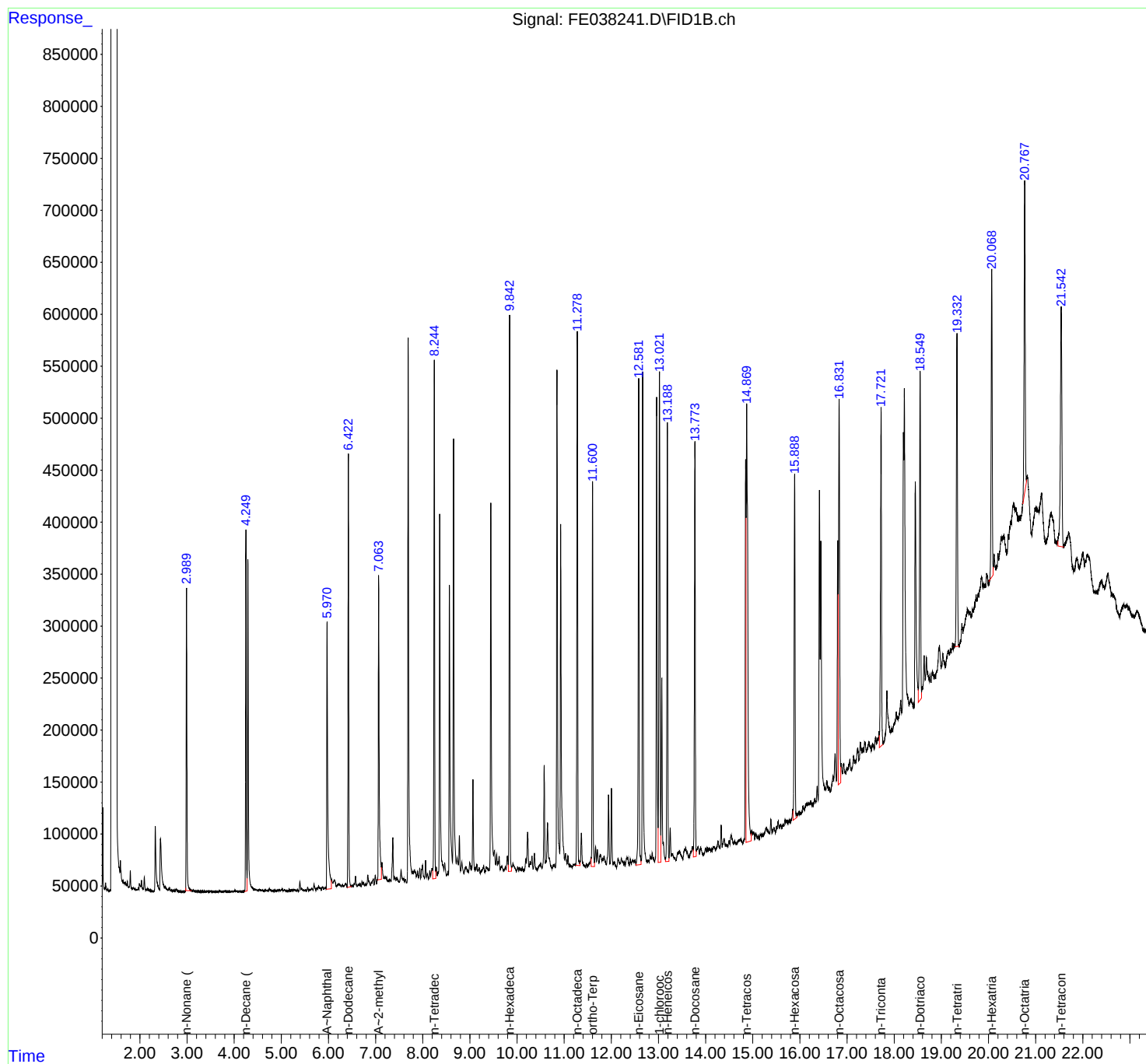
Instrument :
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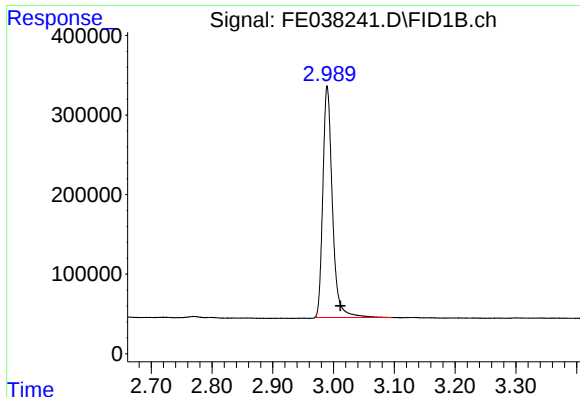
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#1 n-Nonane (C9)

R.T.: 2.990 min
Delta R.T.: -0.021 min
Response: 3182445
Conc: 21.61 ug/ml

Instrument :

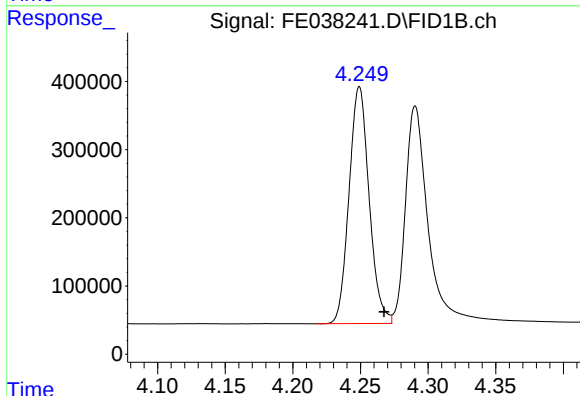
FID_E

ClientSampleId :

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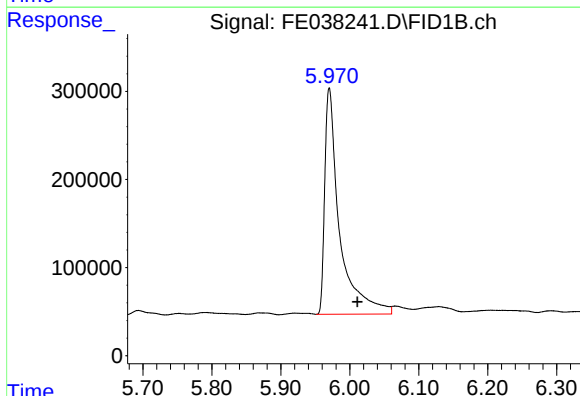
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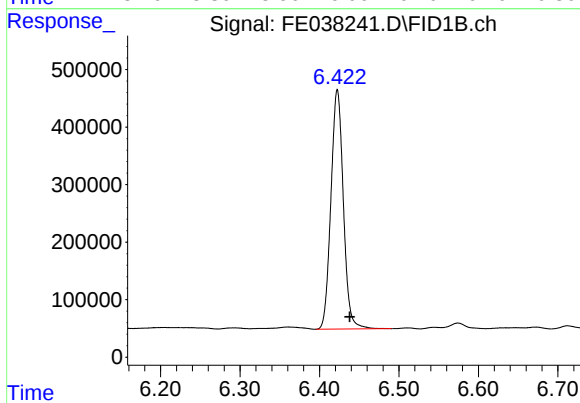
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.018 min
Response: 3593576
Conc: 24.31 ug/ml



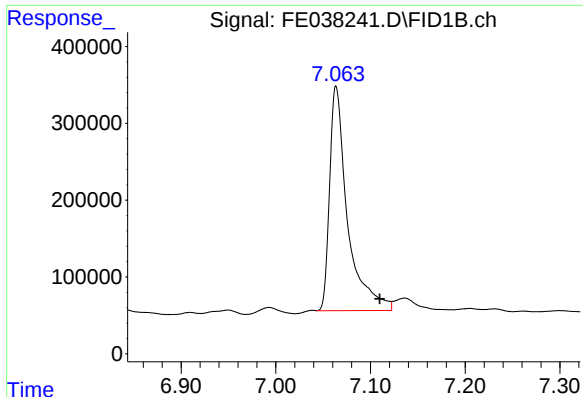
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.041 min
Response: 3843646
Conc: 28.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.423 min
Delta R.T.: -0.016 min
Response: 4526595
Conc: 29.71 ug/ml



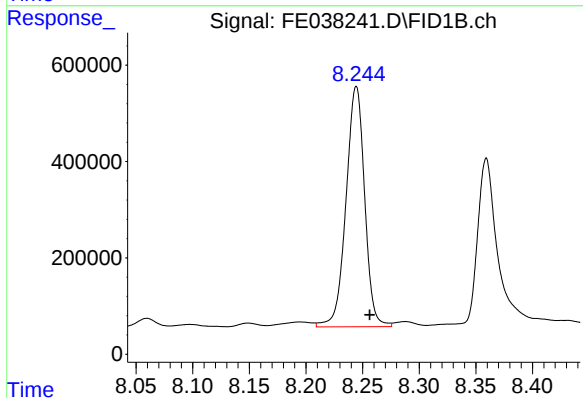
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.063 min
Delta R.T.: -0.047 min
Response: 3842880
Conc: 28.91 ug/ml

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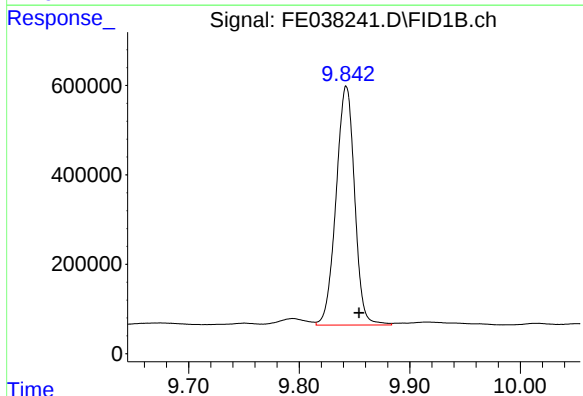
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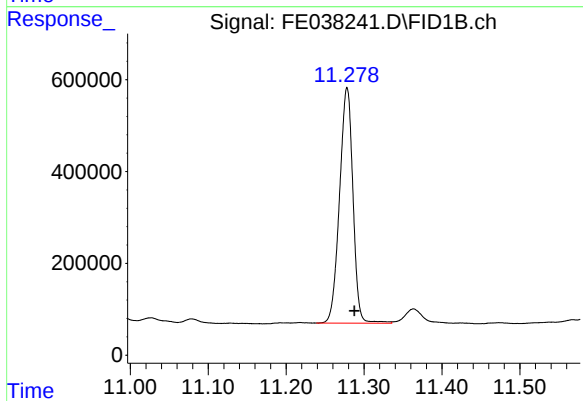
#6 n-Tetradecane (C14)

R.T.: 8.244 min
Delta R.T.: -0.012 min
Response: 5719173
Conc: 37.37 ug/ml



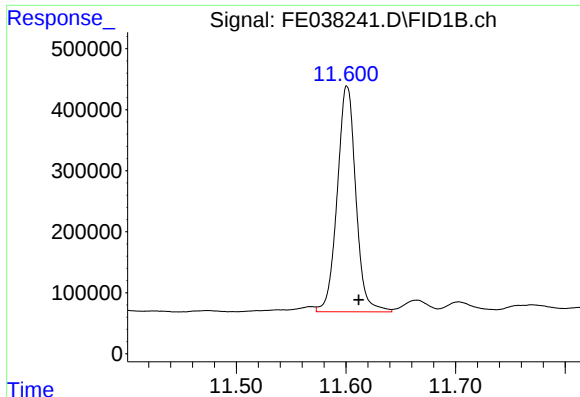
#7 n-Hexadecane (C16)

R.T.: 9.843 min
Delta R.T.: -0.011 min
Response: 6226125
Conc: 39.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.278 min
Delta R.T.: -0.010 min
Response: 6137530
Conc: 38.26 ug/ml



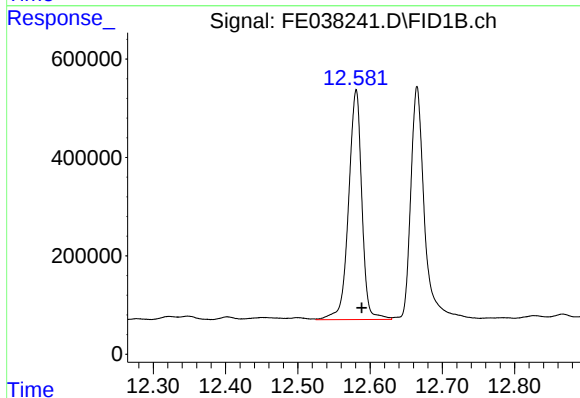
#9 ortho-Terphenyl (SURR)

R.T.: 11.601 min
Delta R.T.: -0.011 min
Response: 4369055
Conc: 25.26 ug/ml

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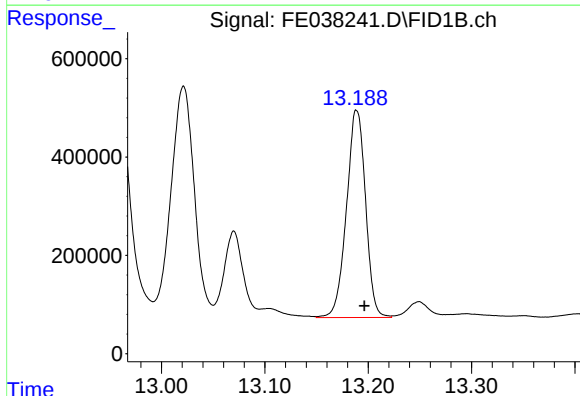
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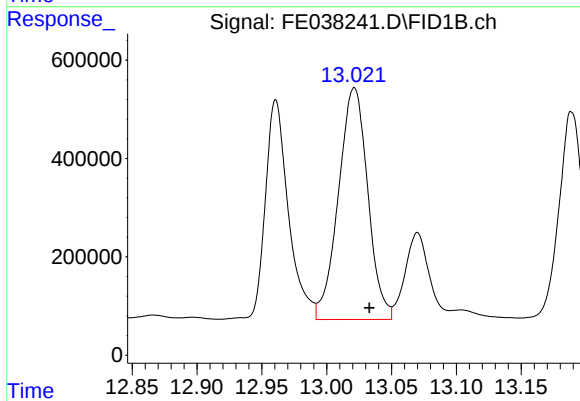
#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: -0.008 min
Response: 5978690
Conc: 36.66 ug/ml



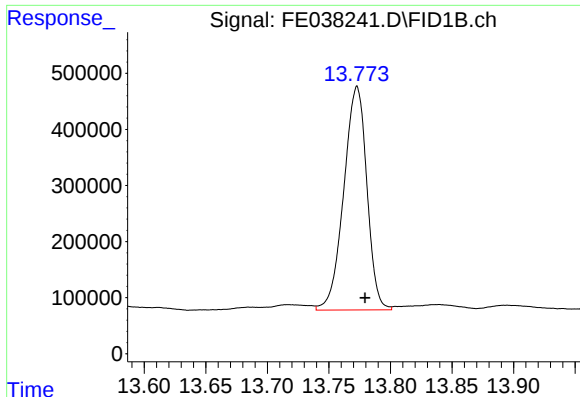
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.007 min
Response: 5410461
Conc: 32.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.021 min
Delta R.T.: -0.012 min
Response: 7424238
Conc: 54.93 ug/ml



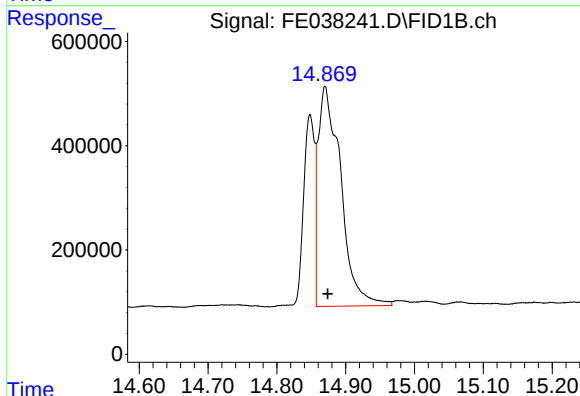
#13 n-Docosane (C22)

R.T.: 13.773 min
Delta R.T.: -0.006 min
Response: 5201037
Conc: 31.60 ug/ml

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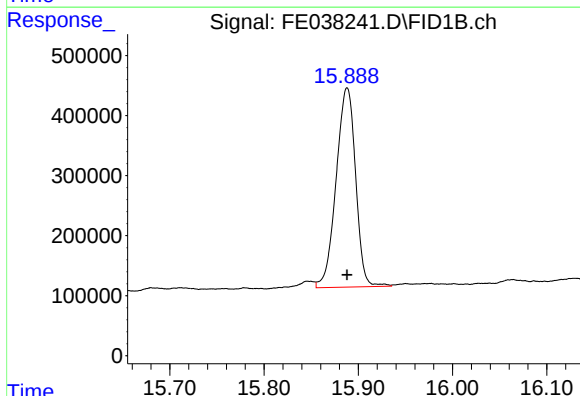
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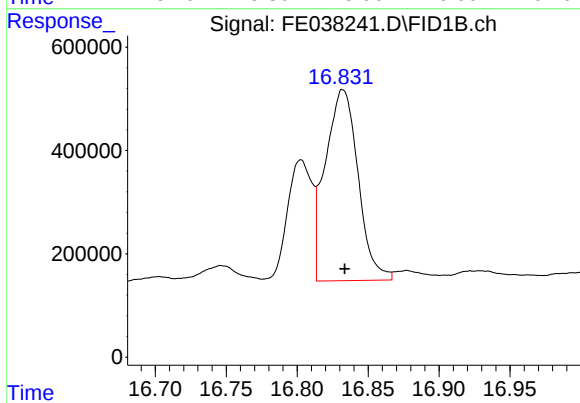
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: -0.004 min
Response: 9636424
Conc: 58.76 ug/ml



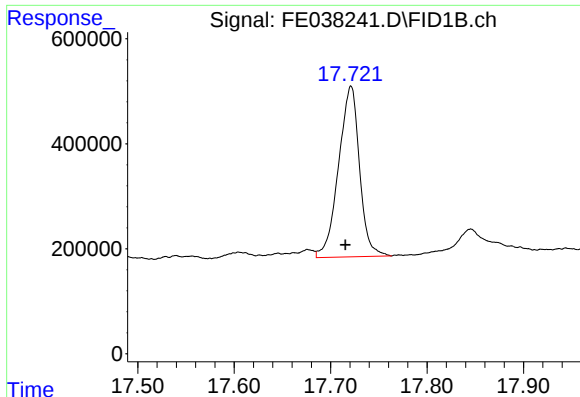
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.000 min
Response: 4765353
Conc: 29.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: -0.001 min
Response: 5942200
Conc: 37.09 ug/ml



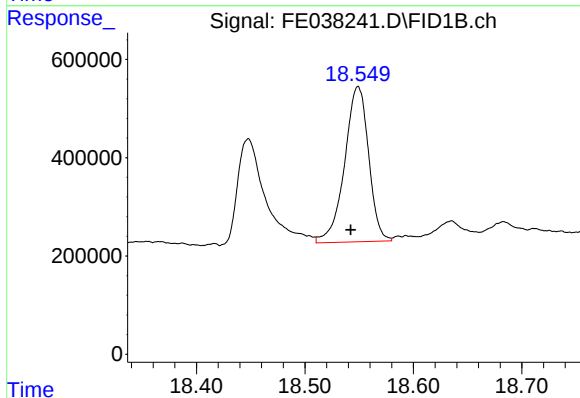
#17 n-Tricontane (C30)

R.T.: 17.721 min
Delta R.T.: 0.006 min
Response: 4900568
Conc: 30.62 ug/ml

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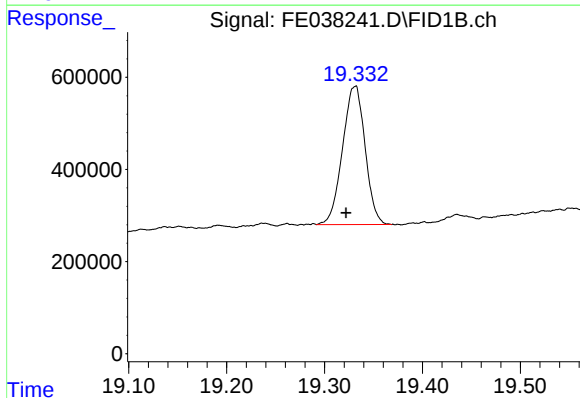
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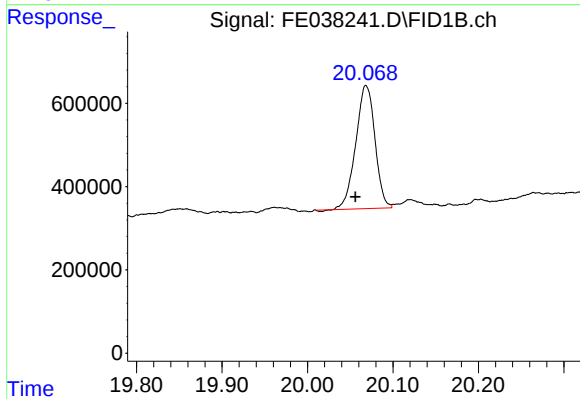
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: 0.007 min
Response: 4871423
Conc: 30.94 ug/ml



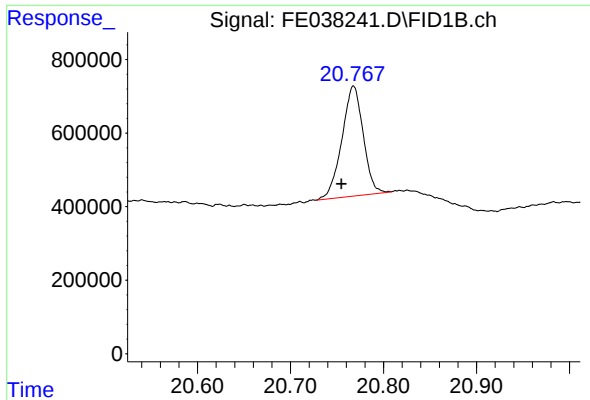
#19 n-Tetratriacontane (C34)

R.T.: 19.332 min
Delta R.T.: 0.010 min
Response: 4818378
Conc: 32.52 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: 0.012 min
Response: 4614915
Conc: 32.01 ug/ml



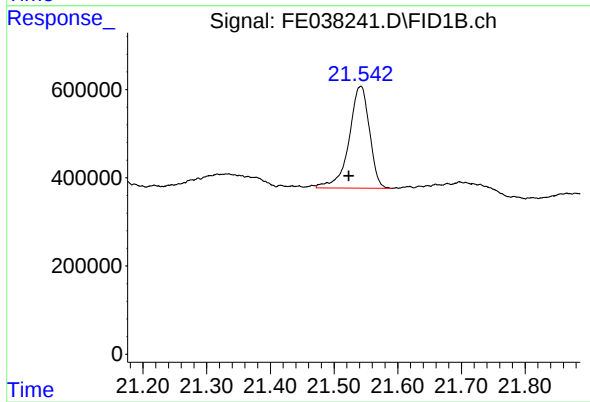
#21 n-Octatriacontane (C38)

R.T.: 20.767 min
Delta R.T.: 0.013 min
Response: 4771770
Conc: 35.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.542 min
Delta R.T.: 0.019 min
Response: 5146982
Conc: 40.43 ug/ml