

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110322AL\
 Data File : FE038542.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2022 18:59
 Operator : YP\AJ
 Sample : N5415-15MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 R-28MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e
 Quant Time: Nov 04 05:31:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.961	4543964	26.407 ug/ml
Spiked Amount 50.000		Recovery =	52.81%
12) S 1-chlorooctadecane (S...	13.393	3720729	27.178 ug/ml
Spiked Amount 50.000		Recovery =	54.36%
Target Compounds			
1) T n-Nonane (C9)	3.364	3836721	24.912 ug/ml
2) T n-Decane (C10)	4.610	4293043	27.657 ug/mlm
3) T A~Naphthalene (C11.7)	6.309	4845361	28.611 ug/ml
4) T n-Dodecane (C12)	6.770	4598650	29.438 ug/ml
5) T A~2-methylnaphthalene...	7.404	4746749	28.324 ug/ml
6) T n-Tetradecane (C14)	8.596	4643787	29.694 ug/ml
7) T n-Hexadecane (C16)	10.201	5064131	32.054 ug/ml
8) T n-Octadecane (C18)	11.643	5400133	33.713 ug/ml
10) T n-Eicosane (C20)	12.950	5270973	32.713 ug/ml
11) T n-Heneicosane (C21)	13.561	5211080	32.260 ug/ml
13) T n-Docosane (C22)	14.147	5175484	32.058 ug/ml
14) T n-Tetracosane (C24)	15.233	9905408	61.755 ug/mlm
15) T n-Hexacosane (C26)	16.268	4976881	31.334 ug/ml
16) T n-Octacosane (C28)	17.215	4901228	31.240 ug/ml
17) T n-Tricontane (C30)	18.102	4740299	29.709 ug/mlm
18) T n-Dotriacontane (C32)	18.933	4763353	30.211 ug/ml
19) T n-Tetratriacontane (C34)	19.714	4657664	31.594 ug/mlm
20) T n-Hexatriacontane (C36)	20.453	4392320	30.740 ug/ml
21) T n-Octatriacontane (C38)	21.194	4502109	33.333 ug/ml
22) T n-Tetracontane (C40)	22.118	4616626	36.573 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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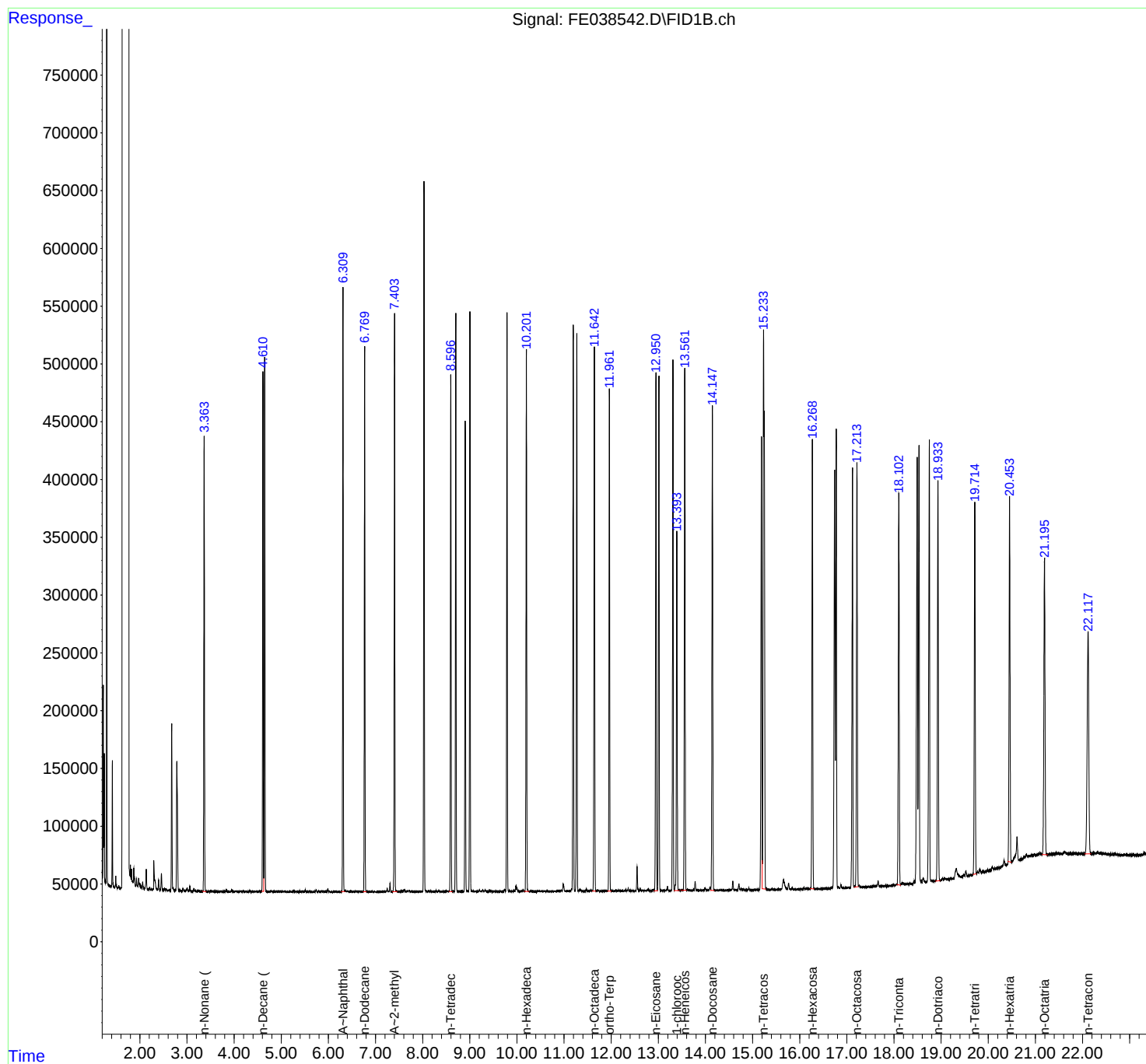
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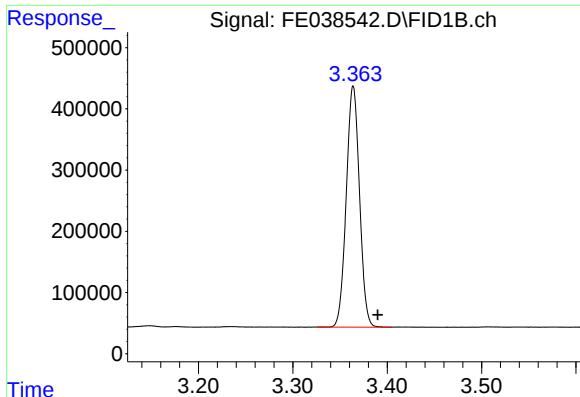
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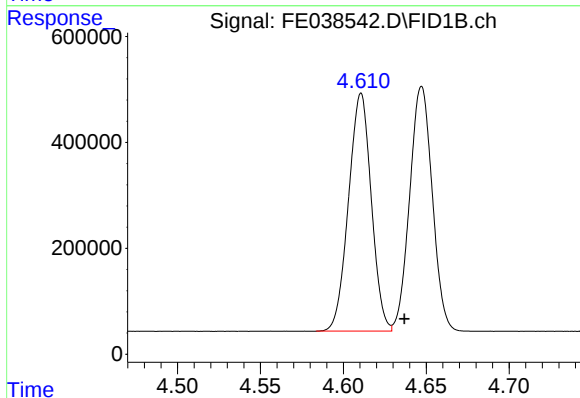
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: -0.026 min
Response: 3836721
Conc: 24.91 ug/ml

Instrument :
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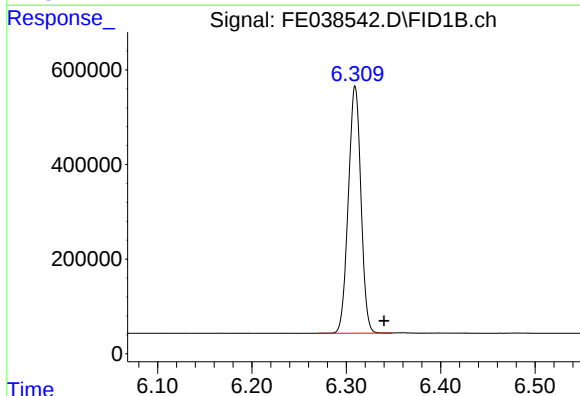
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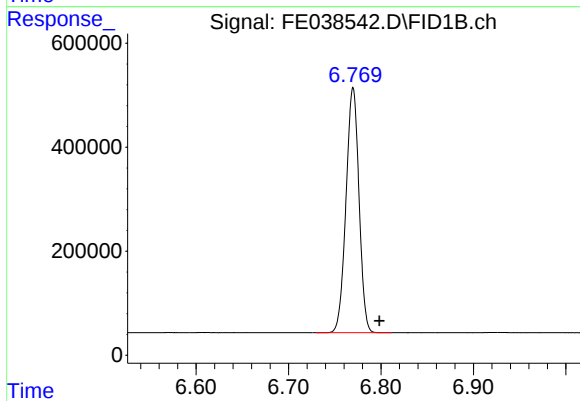
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.026 min
Response: 4293043
Conc: 27.66 ug/ml m



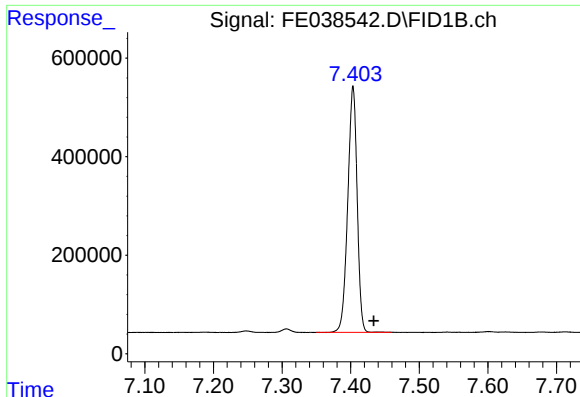
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: -0.031 min
Response: 4845361
Conc: 28.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.028 min
Response: 4598650
Conc: 29.44 ug/ml



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

R.T.: 7.404 min
Delta R.T.: -0.030 min
Response: 4746749
Conc: 28.32 ug/ml

Instrument :

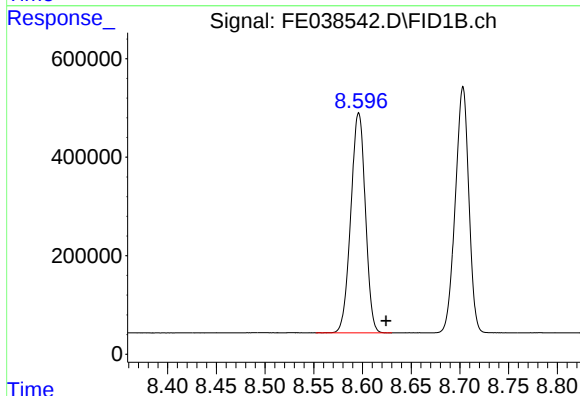
FID_E

ClientSampleId :

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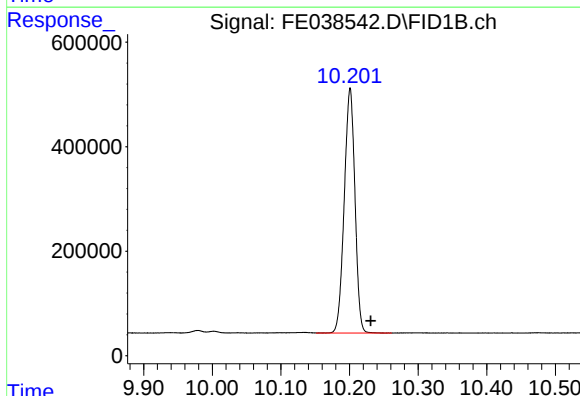
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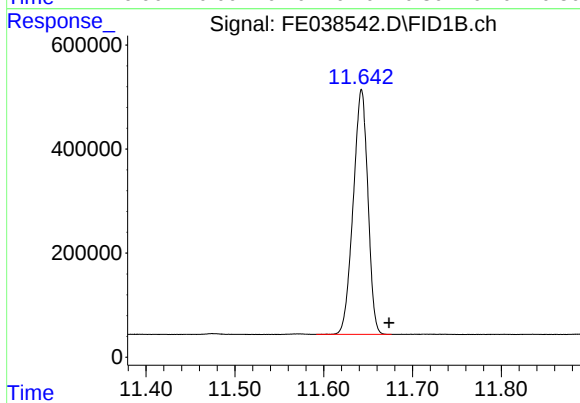
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.028 min
Response: 4643787
Conc: 29.69 ug/ml



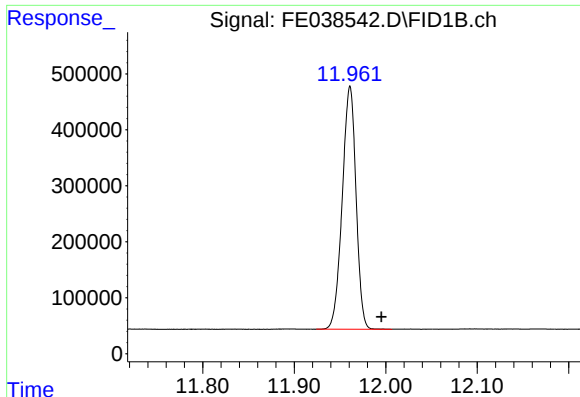
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.030 min
Response: 5064131
Conc: 32.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.031 min
Response: 5400133
Conc: 33.71 ug/ml



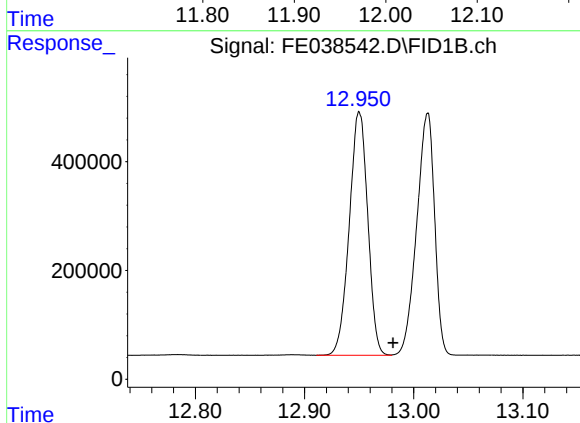
#9 ortho-Terphenyl (SURR)

R.T.: 11.961 min
Delta R.T.: -0.034 min
Response: 4543964
Conc: 26.41 ug/ml

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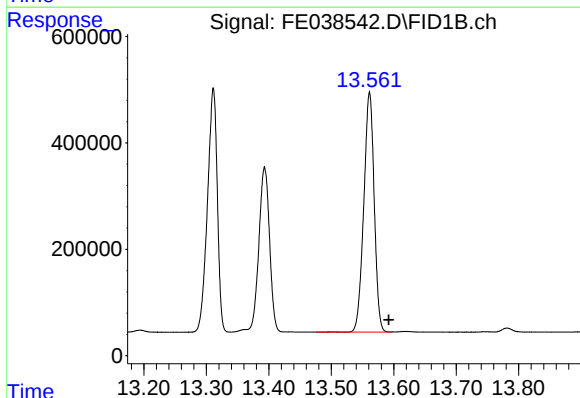
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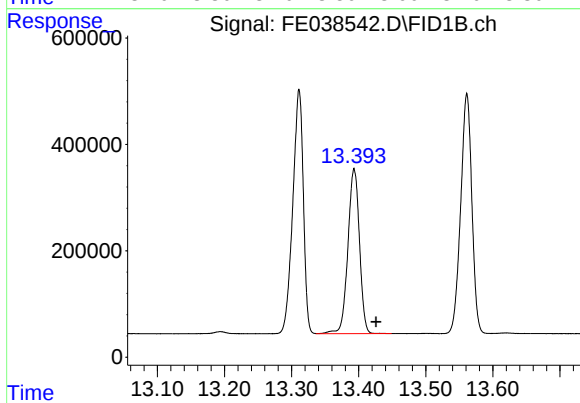
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.031 min
Response: 5270973
Conc: 32.71 ug/ml



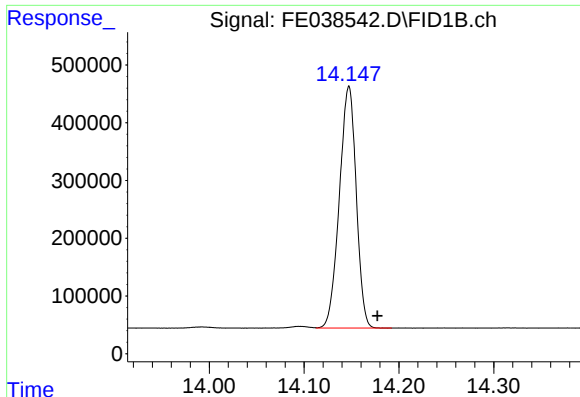
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.031 min
Response: 5211080
Conc: 32.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min
Delta R.T.: -0.032 min
Response: 3720729
Conc: 27.18 ug/ml



#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: -0.030 min
Response: 5175484
Conc: 32.06 ug/ml

Instrument :

FID_E

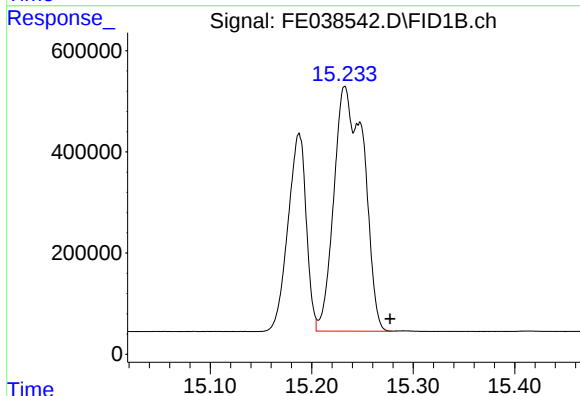
ClientSampleId :

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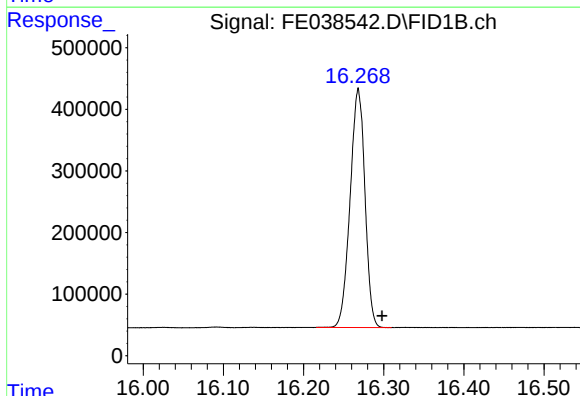
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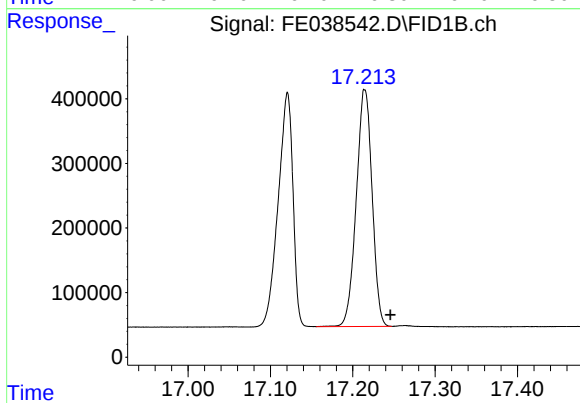
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.045 min
Response: 9905408
Conc: 61.76 ug/ml m



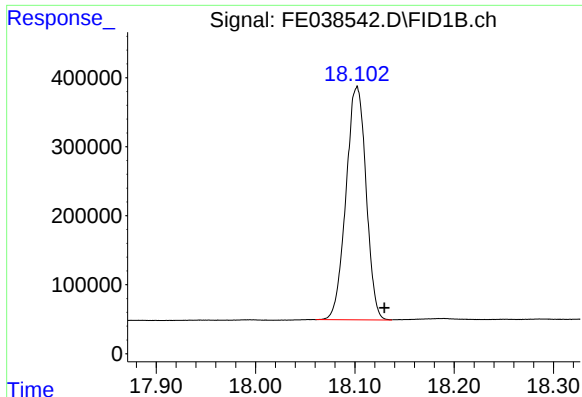
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.030 min
Response: 4976881
Conc: 31.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.215 min
Delta R.T.: -0.031 min
Response: 4901228
Conc: 31.24 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: -0.027 min
Response: 4740299
Conc: 29.71 ug/ml

Instrument :

FID_E

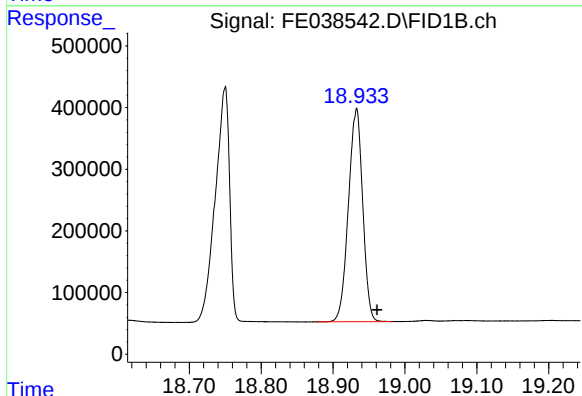
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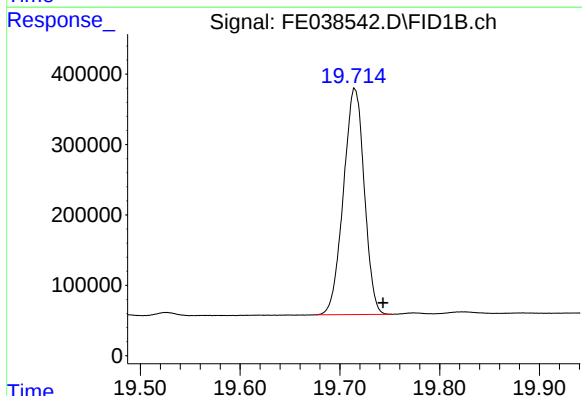
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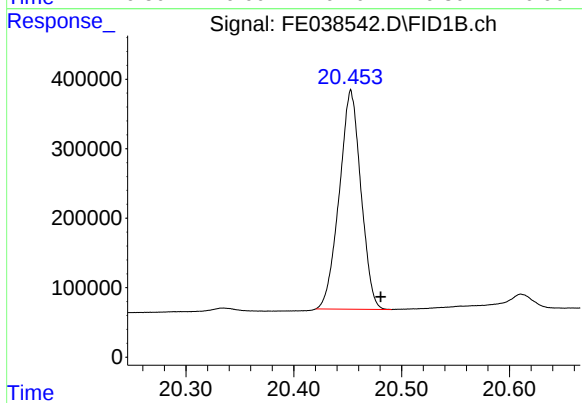
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.028 min
Response: 4763353
Conc: 30.21 ug/ml



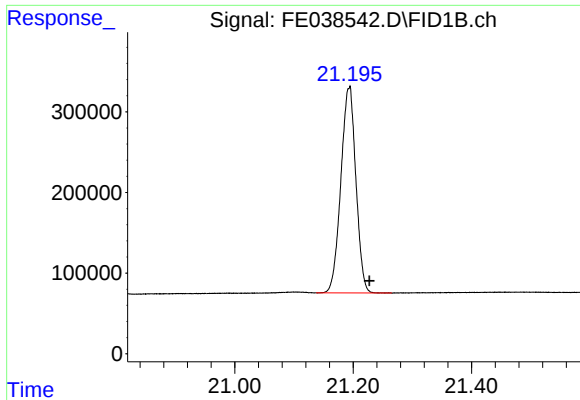
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.030 min
Response: 4657664
Conc: 31.59 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: -0.028 min
Response: 4392320
Conc: 30.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.033 min
Response: 4502109
Conc: 33.33 ug/ml

Instrument :

FID_E

ClientSampleId :

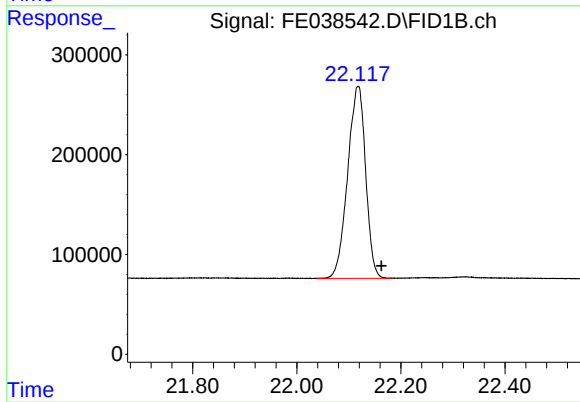
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#22 n-Tetracontane (C40)

R.T.: 22.118 min
Delta R.T.: -0.044 min
Response: 4616626
Conc: 36.57 ug/ml