

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110322AL\
 Data File : FE038527.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2022 09:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

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 05:30:03 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)	11.962	3302565	19.193 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
12) S 1-chlorooctadecane (S...	13.394	2587186	18.898 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
Target Compounds			
1) T n-Nonane (C9)	3.362	3179745	20.646 ug/ml
2) T n-Decane (C10)	4.609	3212083	20.694 ug/ml
3) T A~Naphthalene (C11.7)	6.311	3420844	20.200 ug/ml
4) T n-Dodecane (C12)	6.771	3219631	20.610 ug/ml
5) T A~2-methylnaphthalene...	7.404	3335479	19.903 ug/ml
6) T n-Tetradecane (C14)	8.595	3188117	20.386 ug/ml
7) T n-Hexadecane (C16)	10.201	3182427	20.143 ug/ml
8) T n-Octadecane (C18)	11.643	3169691	19.788 ug/ml
10) T n-Eicosane (C20)	12.950	3109475	19.298 ug/ml
11) T n-Heneicosane (C21)	13.561	3078944	19.061 ug/ml
13) T n-Docosane (C22)	14.146	3052018	18.905 ug/ml
14) T n-Tetracosane (C24)	15.249	2971361	18.525 ug/ml
15) T n-Hexacosane (C26)	16.268	2915187	18.353 ug/ml
16) T n-Octacosane (C28)	17.216	2903700	18.508 ug/ml
17) T n-Tricontane (C30)	18.102	3045966	19.090 ug/mlm
18) T n-Dotriacontane (C32)	18.934	3117356	19.771 ug/ml
19) T n-Tetratriacontane (C34)	19.715	3004275	20.378 ug/mlm
20) T n-Hexatriacontane (C36)	20.453	2995382	20.964 ug/ml
21) T n-Octatriacontane (C38)	21.196	3040782	22.514 ug/ml
22) T n-Tetracontane (C40)	22.119	3115322	24.680 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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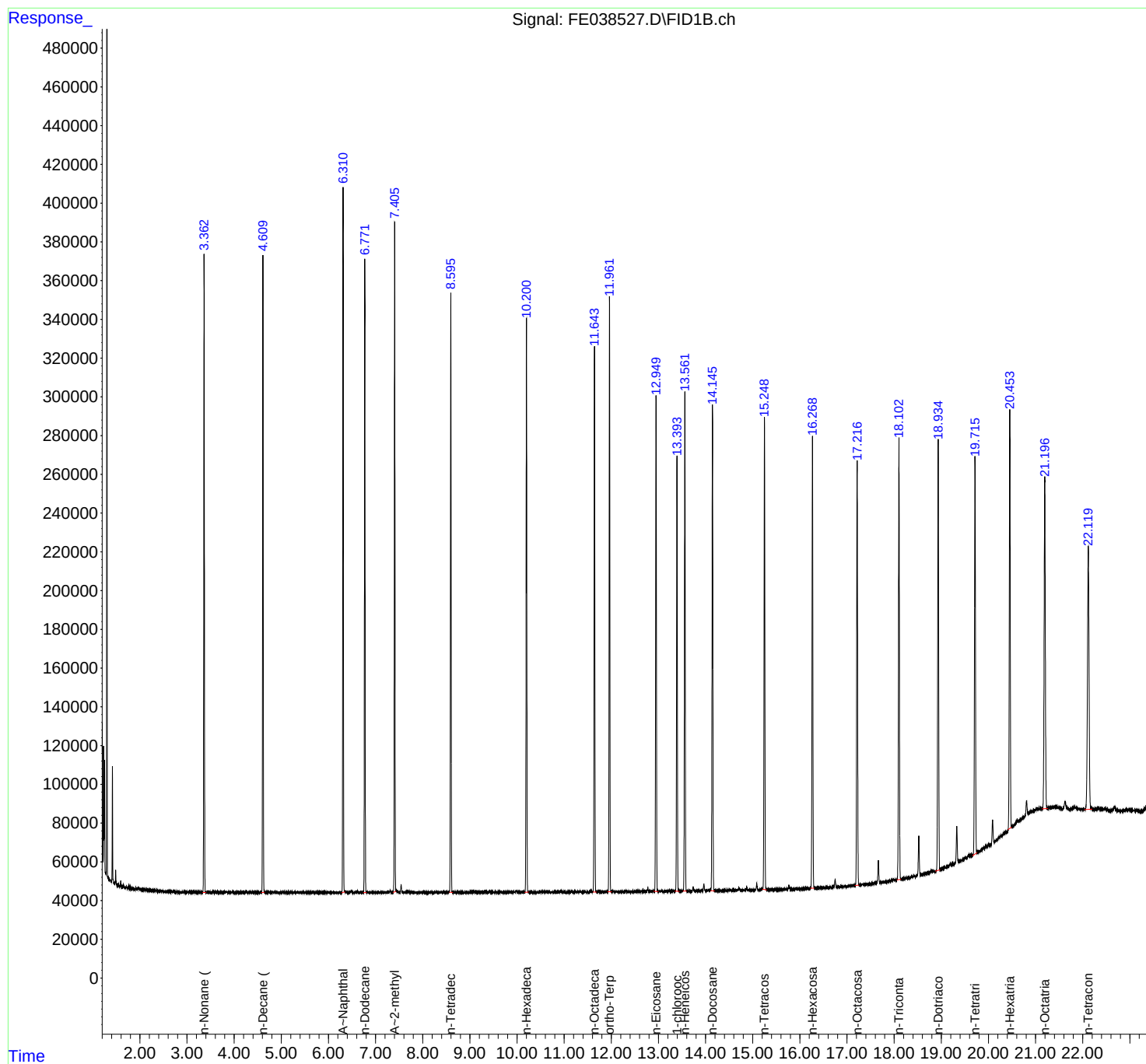
Instrument :
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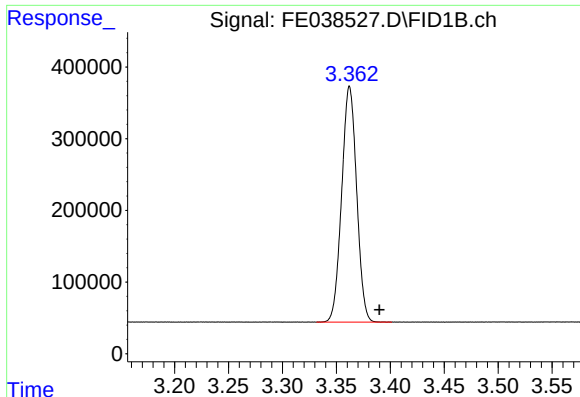
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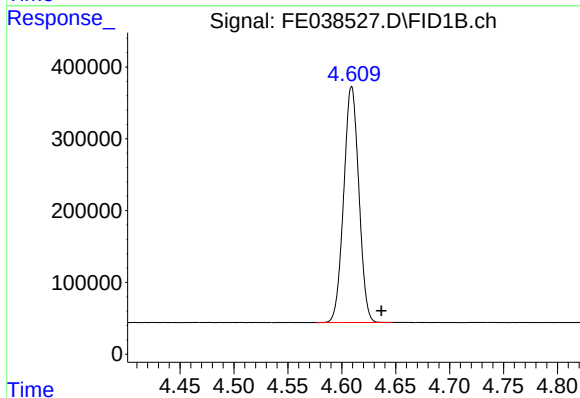
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: -0.028 min
Response: 3179745
Conc: 20.65 ug/ml

Instrument :
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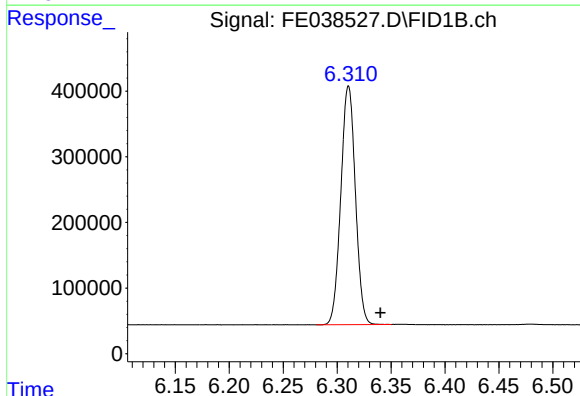
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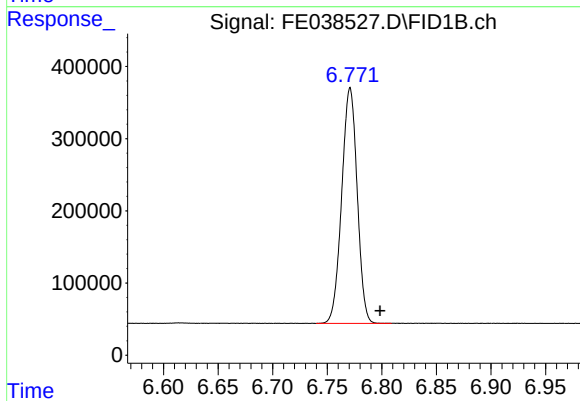
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.028 min
Response: 3212083
Conc: 20.69 ug/ml



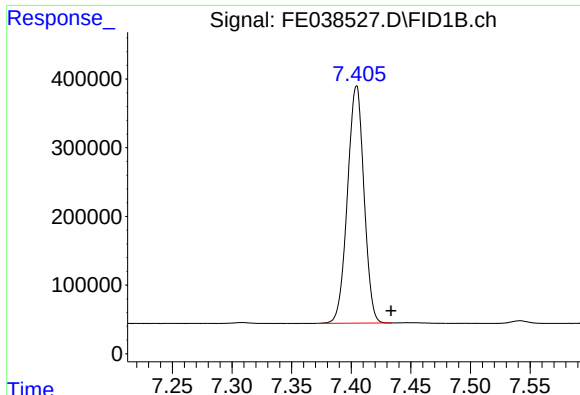
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.029 min
Response: 3420844
Conc: 20.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.027 min
Response: 3219631
Conc: 20.61 ug/ml



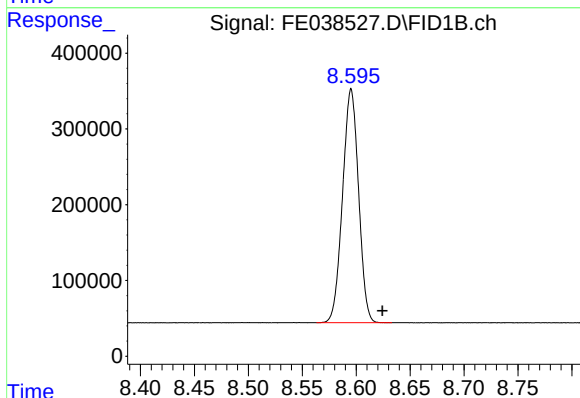
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.404 min
Delta R.T.: -0.029 min
Response: 3335479
Conc: 19.90 ug/ml

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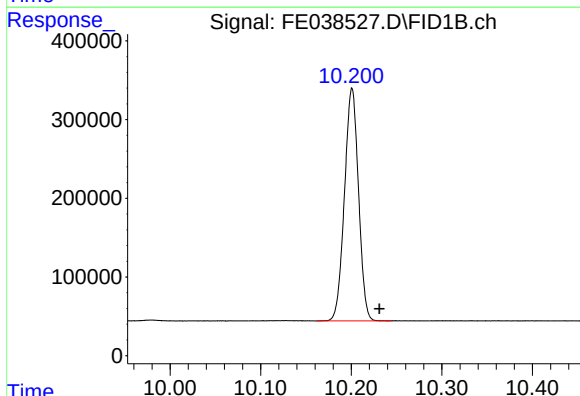
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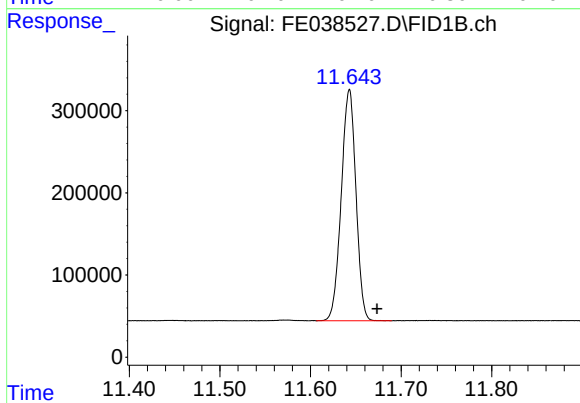
#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.029 min
Response: 3188117
Conc: 20.39 ug/ml



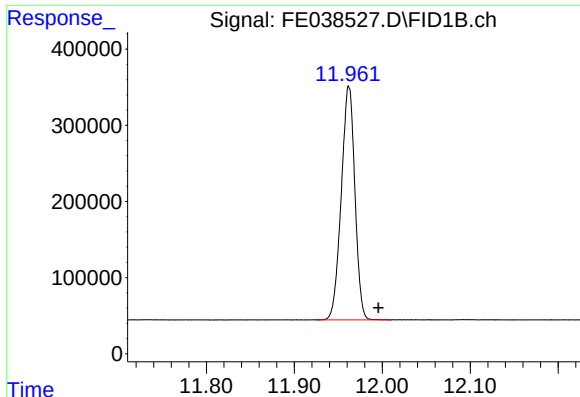
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.030 min
Response: 3182427
Conc: 20.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.030 min
Response: 3169691
Conc: 19.79 ug/ml



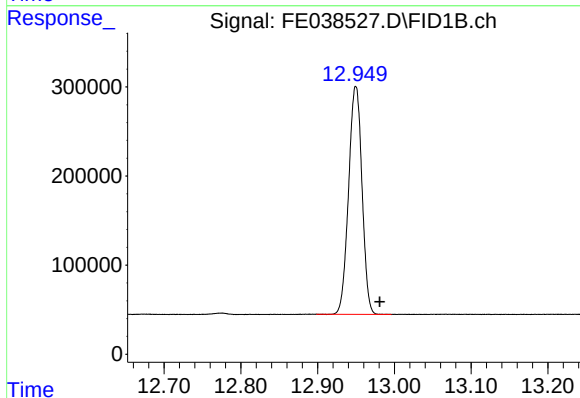
#9 ortho-Terphenyl (SURR)

R.T.: 11.962 min
Delta R.T.: -0.033 min
Response: 3302565
Conc: 19.19 ug/ml

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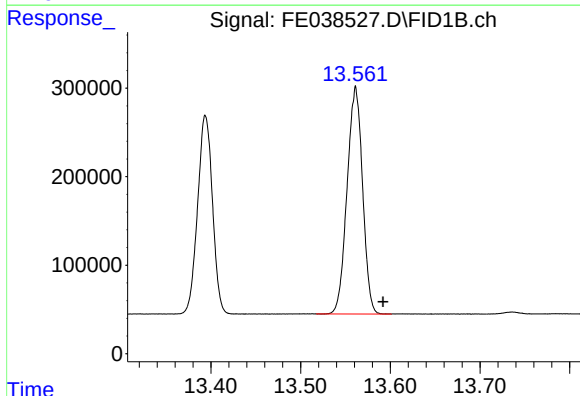
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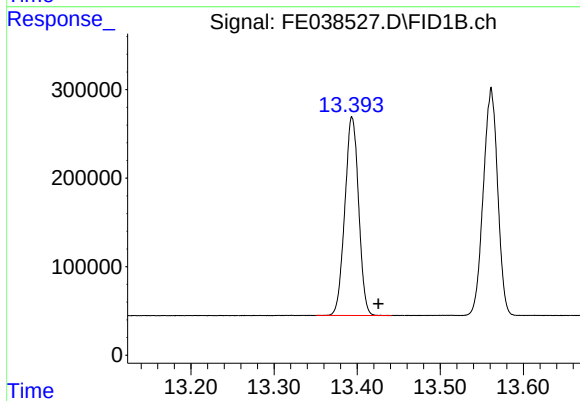
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.031 min
Response: 3109475
Conc: 19.30 ug/ml



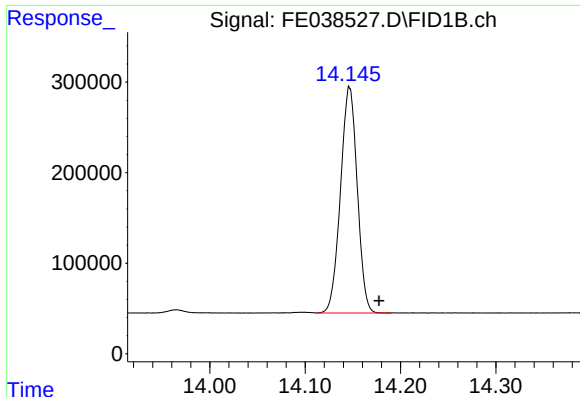
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.031 min
Response: 3078944
Conc: 19.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.394 min
Delta R.T.: -0.032 min
Response: 2587186
Conc: 18.90 ug/ml



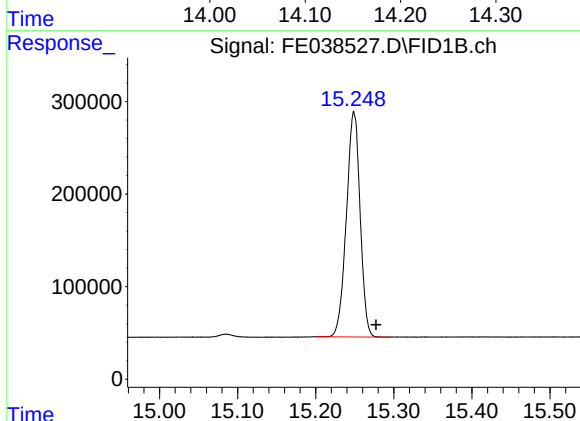
#13 n-Docosane (C22)

R.T.: 14.146 min
Delta R.T.: -0.031 min
Response: 3052018
Conc: 18.90 ug/ml

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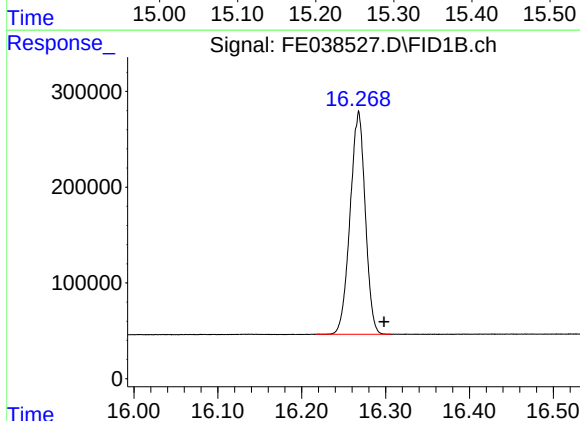
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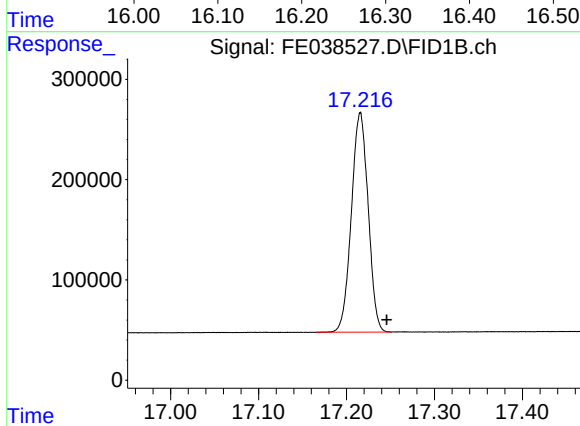
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: -0.028 min
Response: 2971361
Conc: 18.52 ug/ml



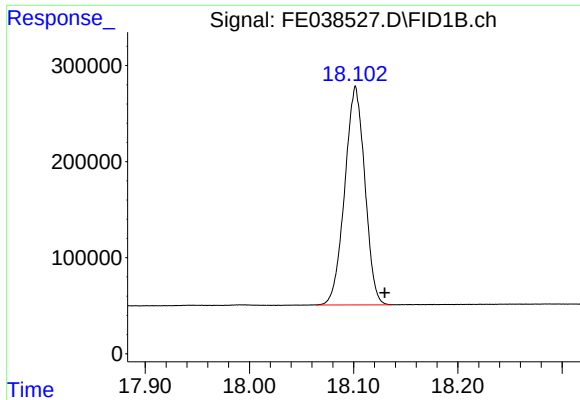
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.030 min
Response: 2915187
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.216 min
Delta R.T.: -0.030 min
Response: 2903700
Conc: 18.51 ug/ml



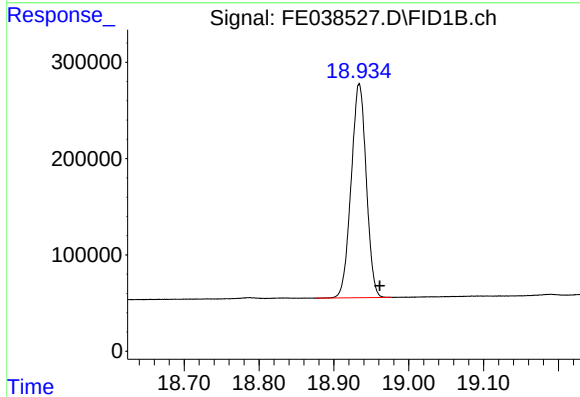
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: -0.028 min
Response: 3045966
Conc: 19.09 ug/ml

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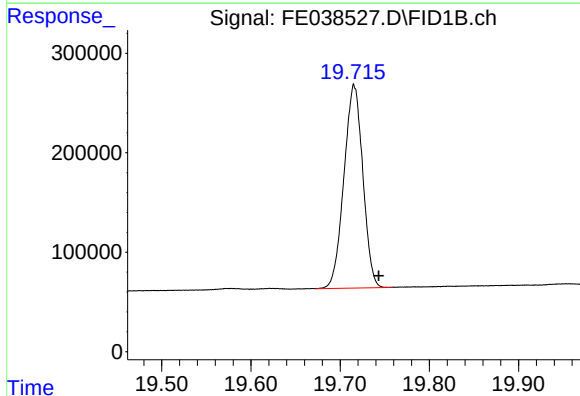
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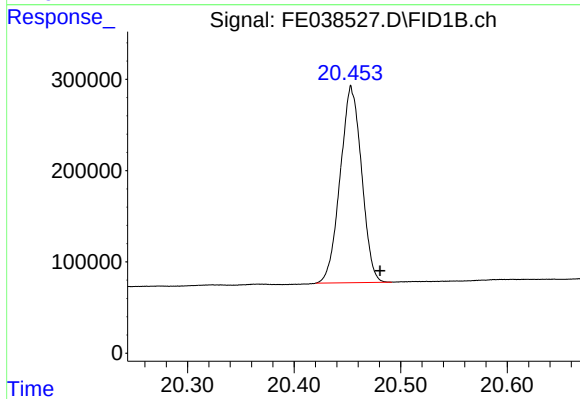
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: -0.027 min
Response: 3117356
Conc: 19.77 ug/ml



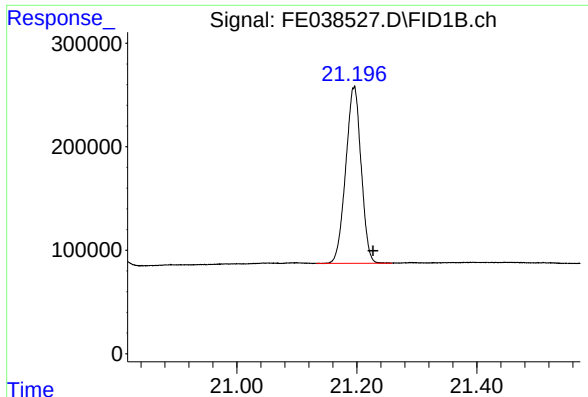
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.029 min
Response: 3004275
Conc: 20.38 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: -0.027 min
Response: 2995382
Conc: 20.96 ug/ml



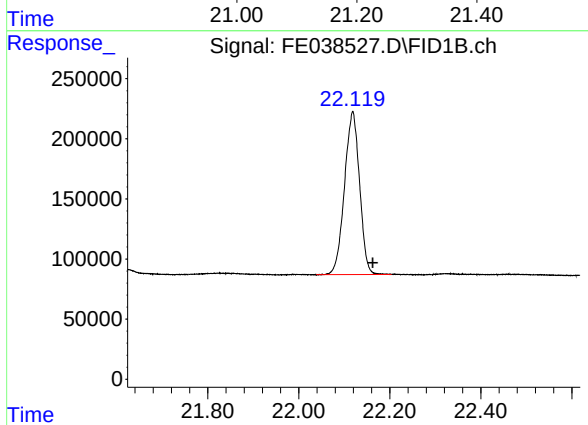
#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.032 min
Response: 3040782
Conc: 22.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: -0.044 min
Response: 3115322
Conc: 24.68 ug/ml