

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102822AL\
 Data File : FE038397.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2022 17:41
 Operator : YP\AJ
 Sample : N5272-05MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20221110-COMP-09MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
 Quant Time: Oct 29 05:38:50 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)	11.977	5883780	34.194 ug/ml
Spiked Amount 50.000		Recovery =	68.39%
12) S 1-chlorooctadecane (S...	13.408	4596933	33.578 ug/ml
Spiked Amount 50.000		Recovery =	67.16%
Target Compounds			
1) T n-Nonane (C9)	3.389	6228247	40.440 ug/ml
2) T n-Decane (C10)	4.629	6458078	41.605 ug/ml
3) T A~Naphthalene (C11.7)	6.327	7144268	42.186 ug/ml
4) T n-Dodecane (C12)	6.784	6733379	43.103 ug/ml
5) T A~2-methylnaphthalene...	7.420	6868252	40.984 ug/ml
6) T n-Tetradecane (C14)	8.609	6752748	43.179 ug/ml
7) T n-Hexadecane (C16)	10.215	6790038	42.978 ug/ml
8) T n-Octadecane (C18)	11.657	6910354	43.141 ug/ml
10) T n-Eicosane (C20)	12.966	6744142	41.856 ug/ml
11) T n-Heneicosane (C21)	13.576	6742928	41.743 ug/ml
13) T n-Docosane (C22)	14.161	6667390	41.299 ug/ml
14) T n-Tetracosane (C24)	15.252	12922518	80.565 ug/ml
15) T n-Hexacosane (C26)	16.285	6542280	41.189 ug/ml
16) T n-Octacosane (C28)	17.231	6517912	41.544 ug/ml
17) T n-Tricontane (C30)	18.119	6316510	39.588 ug/ml
18) T n-Dotriacontane (C32)	18.949	6319503	40.081 ug/ml
19) T n-Tetratriacontane (C34)	19.731	6190038	41.988 ug/mlm
20) T n-Hexatriacontane (C36)	20.470	5904269	41.322 ug/ml
21) T n-Octatriacontane (C38)	21.213	5873936	43.490 ug/ml
22) T n-Tetracontane (C40)	22.142	6330996	50.155 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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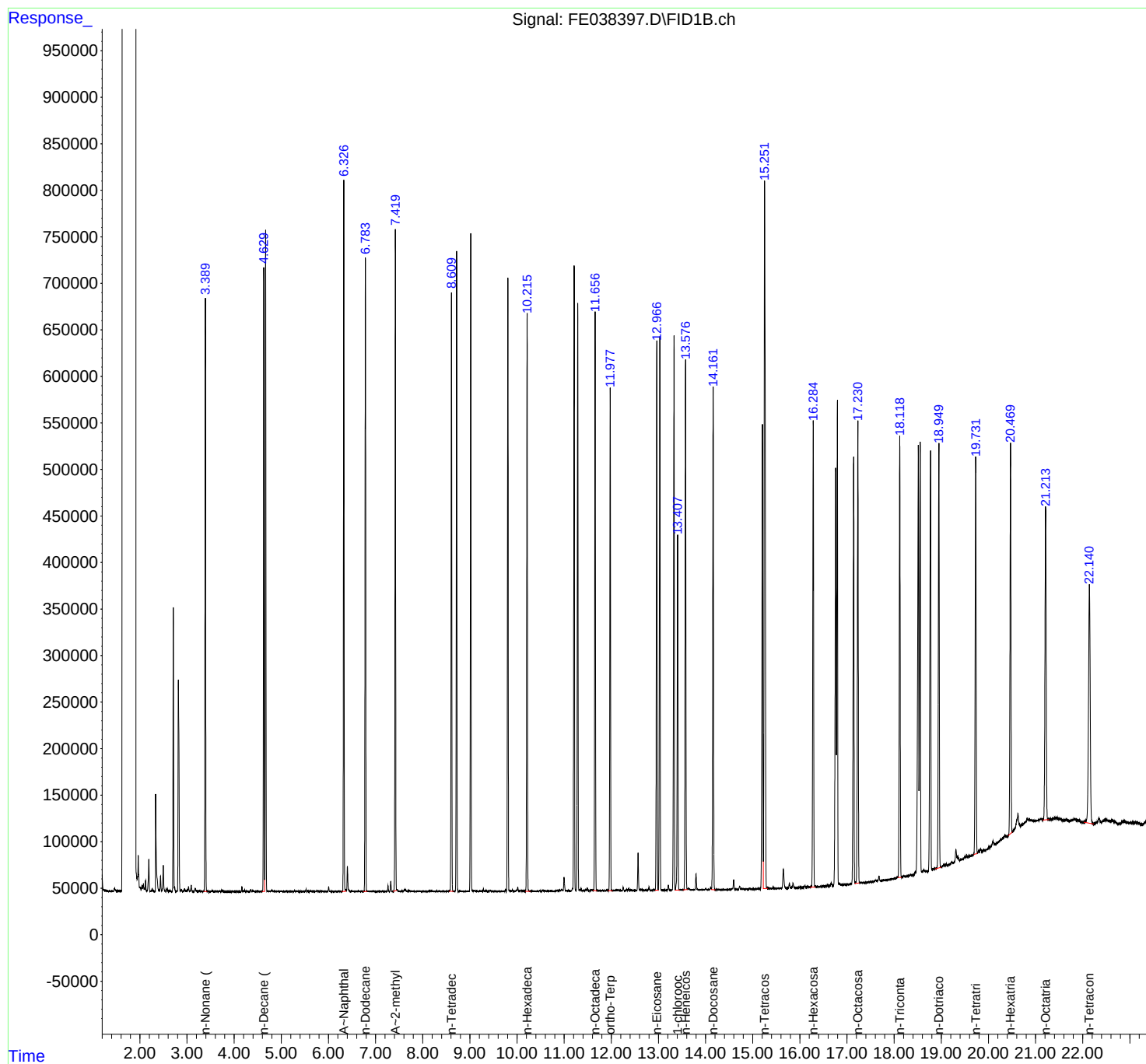
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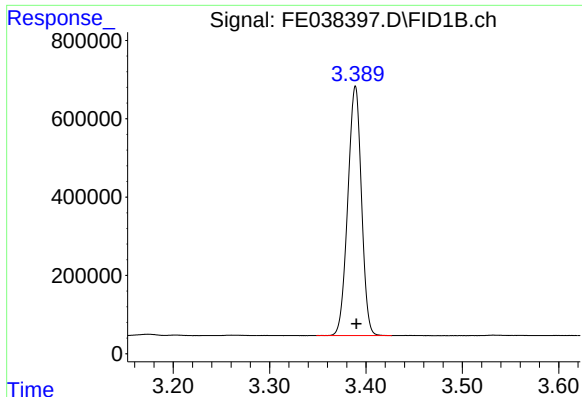
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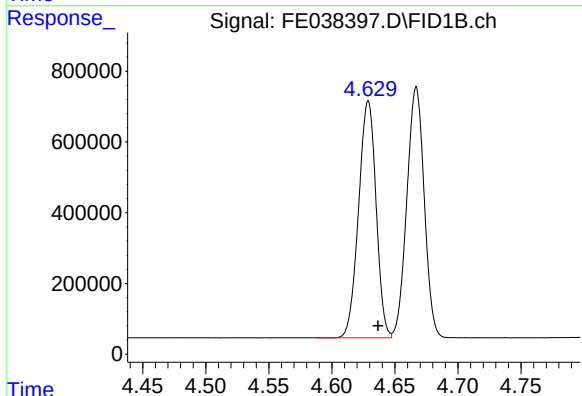
#1 n-Nonane (C9)

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 6228247
Conc: 40.44 ug/ml

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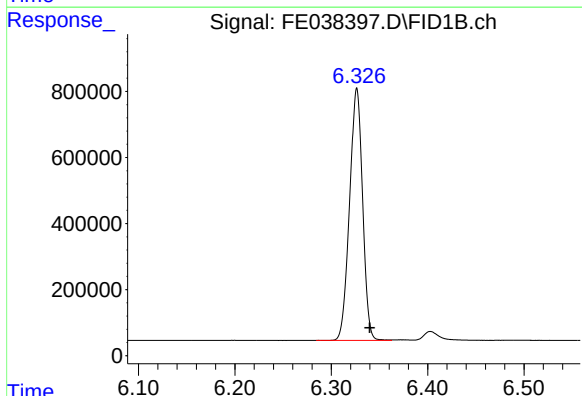
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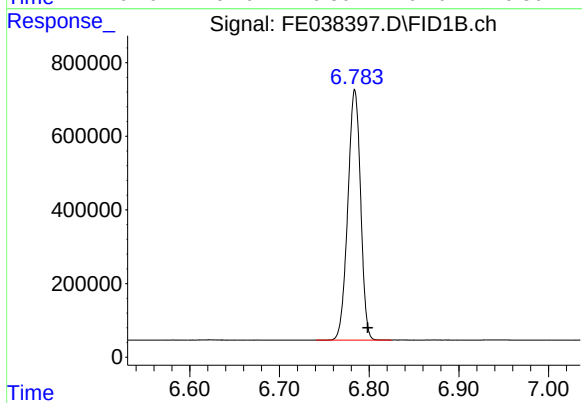
#2 n-Decane (C10)

R.T.: 4.629 min
Delta R.T.: -0.008 min
Response: 6458078
Conc: 41.61 ug/ml



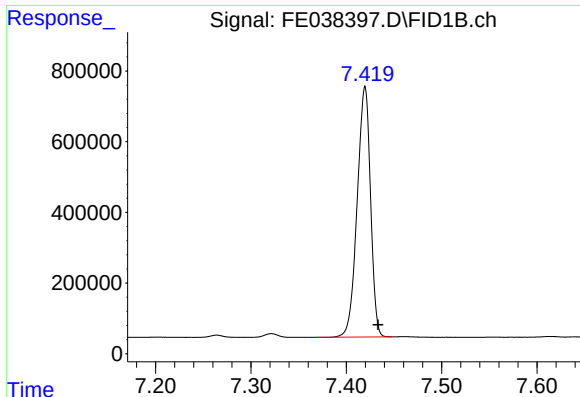
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: -0.014 min
Response: 7144268
Conc: 42.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: -0.014 min
Response: 6733379
Conc: 43.10 ug/ml



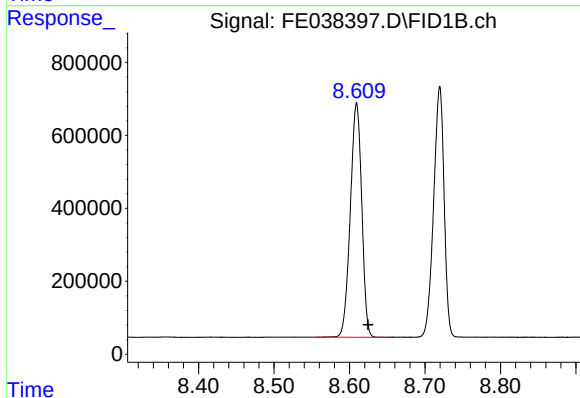
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.420 min
Delta R.T.: -0.014 min
Response: 6868252
Conc: 40.98 ug/ml

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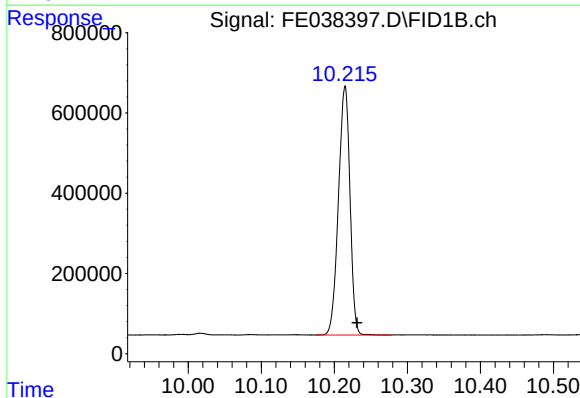
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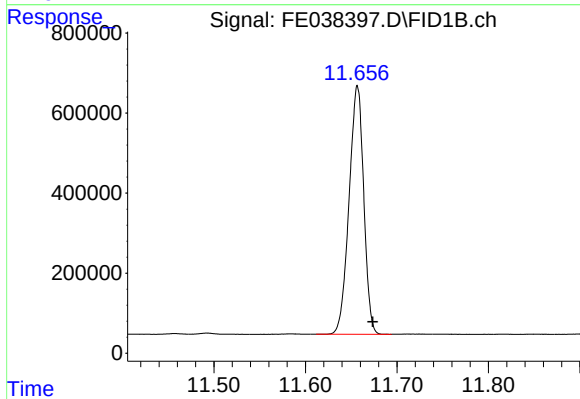
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: -0.015 min
Response: 6752748
Conc: 43.18 ug/ml



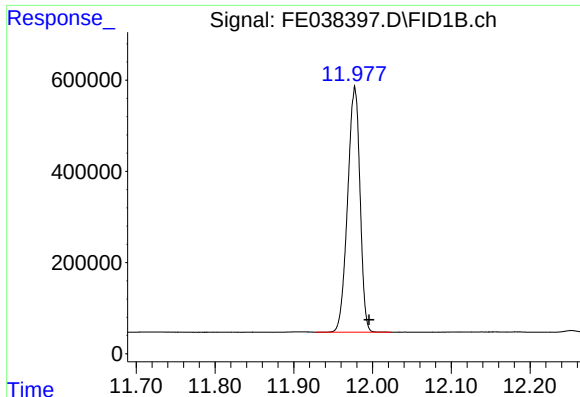
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: -0.016 min
Response: 6790038
Conc: 42.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: -0.017 min
Response: 6910354
Conc: 43.14 ug/ml



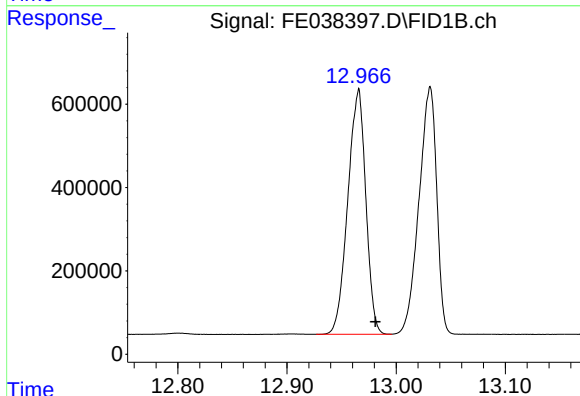
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.018 min
Response: 5883780
Conc: 34.19 ug/ml

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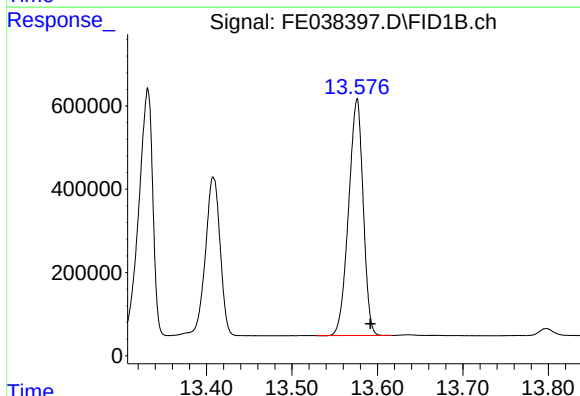
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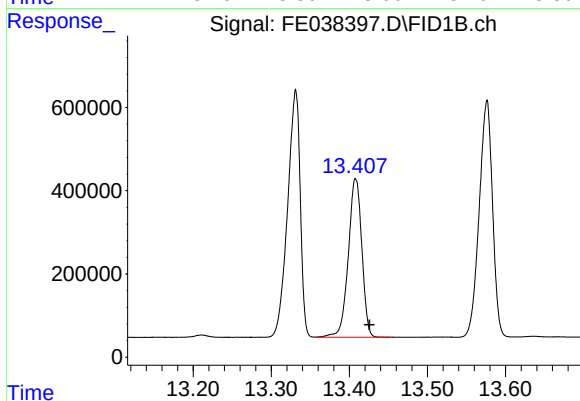
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: -0.015 min
Response: 6744142
Conc: 41.86 ug/ml



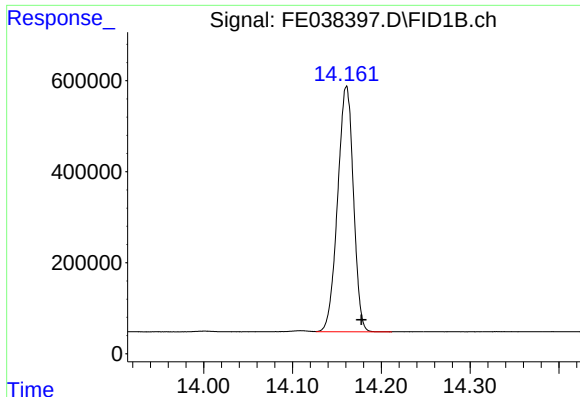
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: -0.016 min
Response: 6742928
Conc: 41.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: -0.018 min
Response: 4596933
Conc: 33.58 ug/ml



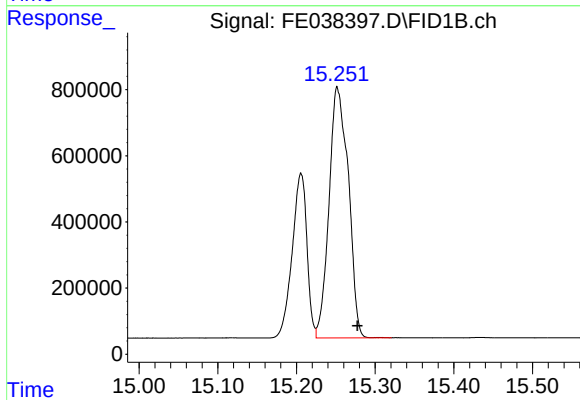
#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: -0.017 min
Response: 6667390
Conc: 41.30 ug/ml

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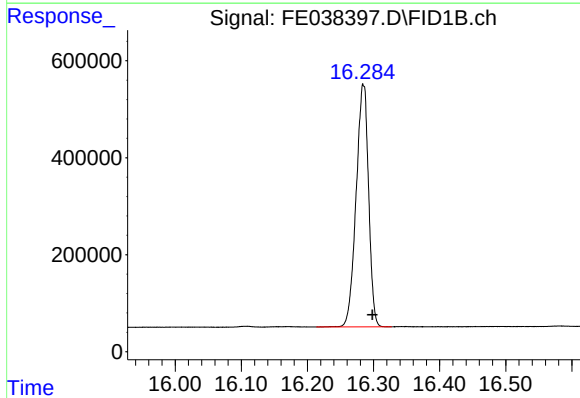
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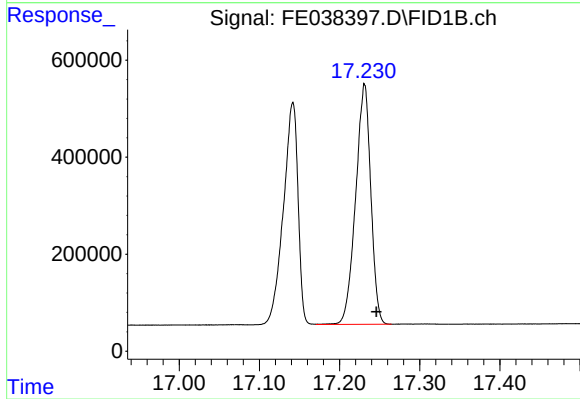
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: -0.025 min
Response: 12922518
Conc: 80.57 ug/ml



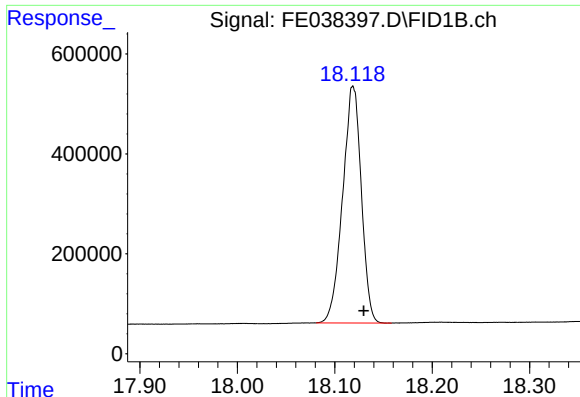
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: -0.013 min
Response: 6542280
Conc: 41.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: -0.014 min
Response: 6517912
Conc: 41.54 ug/ml



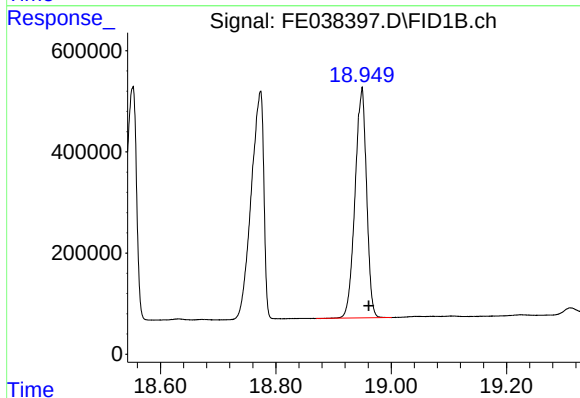
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: -0.011 min
Response: 6316510
Conc: 39.59 ug/ml

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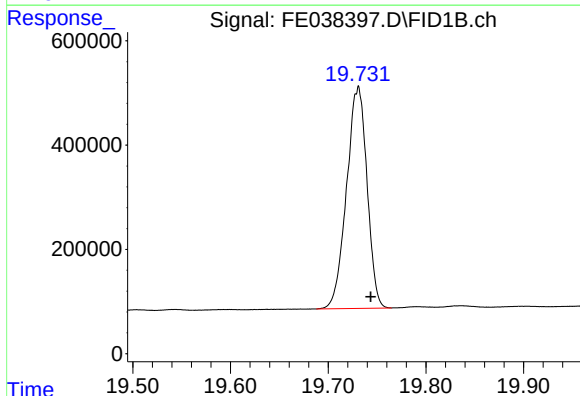
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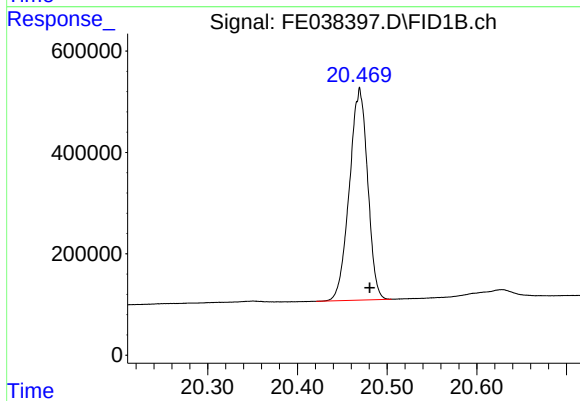
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: -0.012 min
Response: 6319503
Conc: 40.08 ug/ml



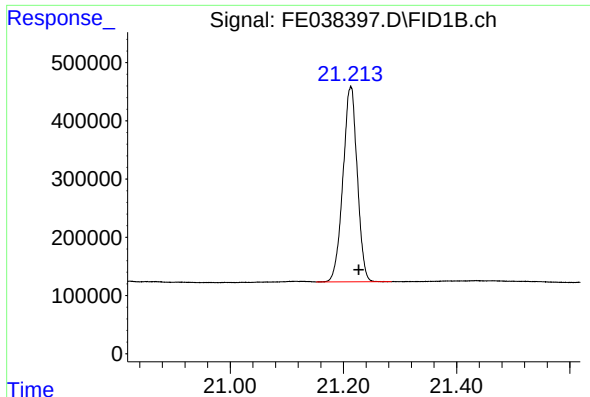
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.013 min
Response: 6190038
Conc: 41.99 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: -0.011 min
Response: 5904269
Conc: 41.32 ug/ml



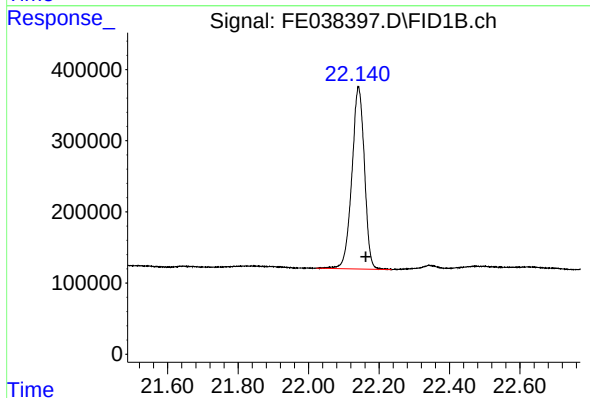
#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: -0.014 min
Response: 5873936
Conc: 43.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.021 min
Response: 6330996
Conc: 50.15 ug/ml