

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081423AL\
 Data File : FE043946.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2023 23:48
 Operator : YP\AJ
 Sample : 03977-07MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2023
 Supervised By :Ankita Jodhani 08/15/2023

Integration File: autoint1.e
 Quant Time: Aug 15 02:10:17 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)	11.946	5332212	25.875 ug/ml
Spiked Amount 50.000		Recovery =	51.75%
12) S 1-chlorooctadecane (S...	13.384	3672576	23.535 ug/ml
Spiked Amount 50.000		Recovery =	47.07%
Target Compounds			
1) T n-Nonane (C9)	3.355	7603447	47.084 ug/ml
2) T n-Decane (C10)	4.597	8044600	48.810 ug/ml
3) T A~Naphthalene (C11.7)	6.291	8842950	48.569 ug/ml
4) T n-Dodecane (C12)	6.751	8303400	49.613 ug/ml
5) T A~2-methylnaphthalene...	7.385	8645175	48.561 ug/ml
6) T n-Tetradecane (C14)	8.579	8223352	48.808 ug/ml
7) T n-Hexadecane (C16)	10.185	8211206	46.549 ug/ml
8) T n-Octadecane (C18)	11.630	8397288	46.356 ug/ml
10) T n-Eicosane (C20)	12.942	8309344	46.954 ug/ml
11) T n-Heneicosane (C21)	13.553	8052014	45.476 ug/ml
13) T n-Docosane (C22)	14.141	7878636	44.918 ug/ml
14) T n-Tetracosane (C24)	15.237	6197064	35.271 ug/mlm
15) T n-Hexacosane (C26)	16.269	7519063	43.504 ug/ml
16) T n-Octacosane (C28)	17.218	7434912	44.435 ug/ml
17) T n-Tricontane (C30)	18.109	7320284	44.197 ug/ml
18) T n-Dotriacontane (C32)	18.942	7204668	45.630 ug/ml
19) T n-Tetratriacontane (C34)	19.727	6617974	44.536 ug/ml
20) T n-Hexatriacontane (C36)	20.469	5971313	42.720 ug/mlm
21) T n-Octatriacontane (C38)	21.212	6035607	45.243 ug/ml
22) T n-Tetracontane (C40)	22.141	6131251	47.519 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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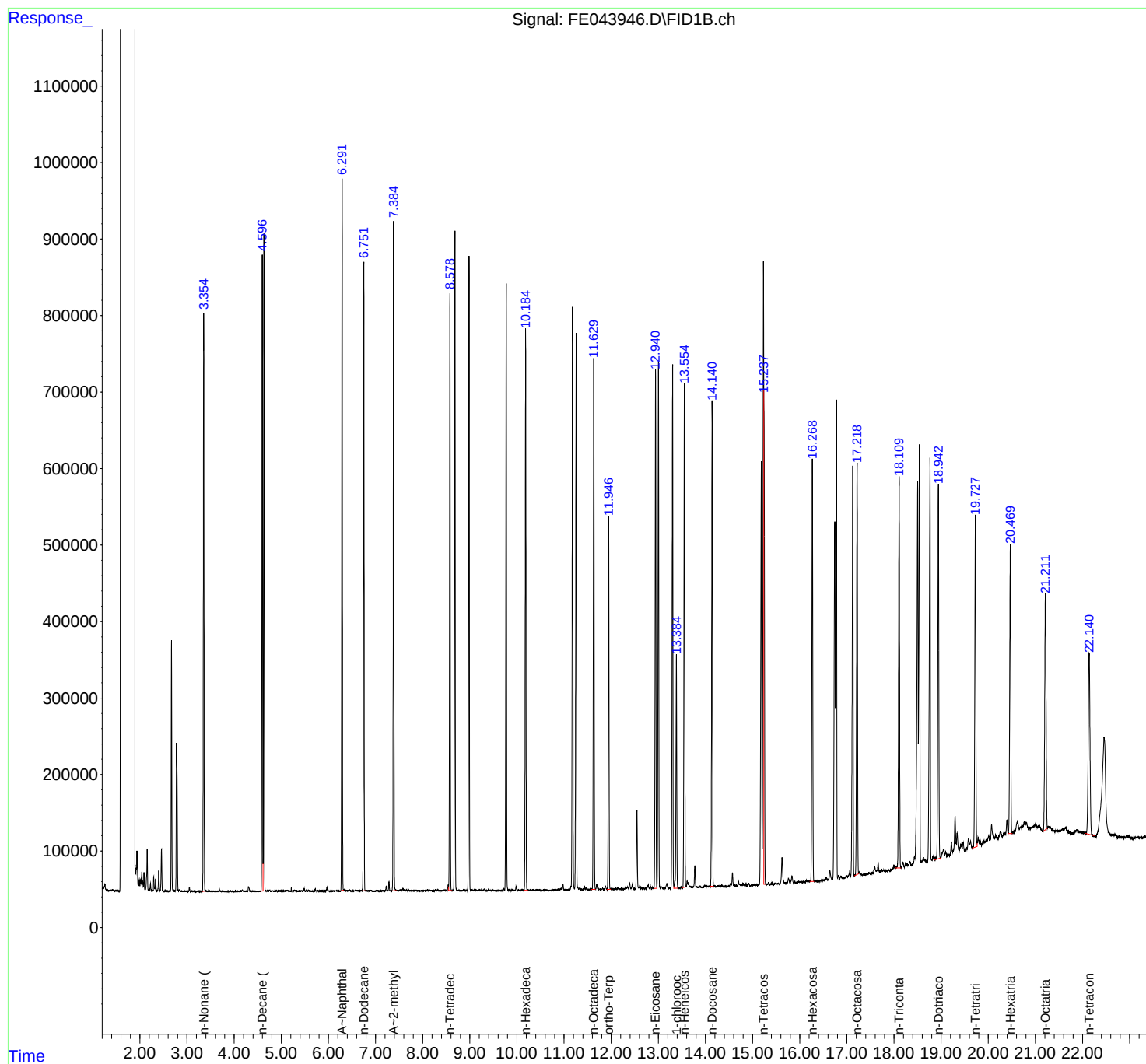
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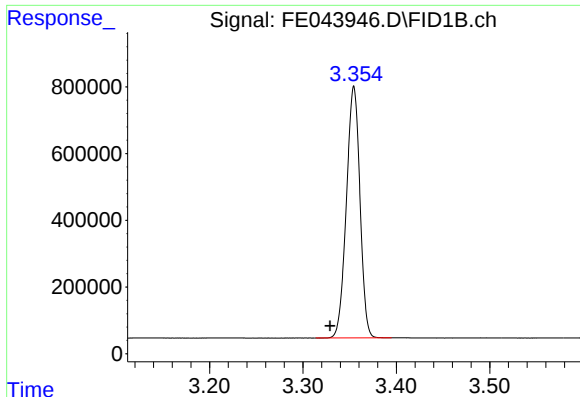
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#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: 0.026 min
Response: 7603447
Conc: 47.08 ug/ml

Instrument :

FID_E

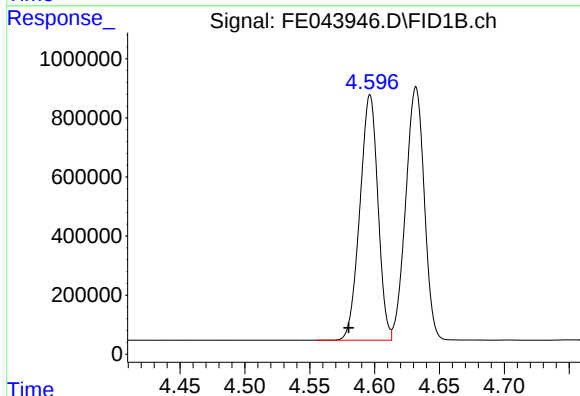
ClientSampleId :

5MSD

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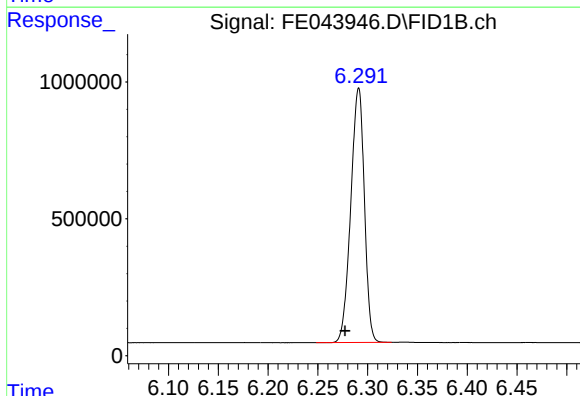
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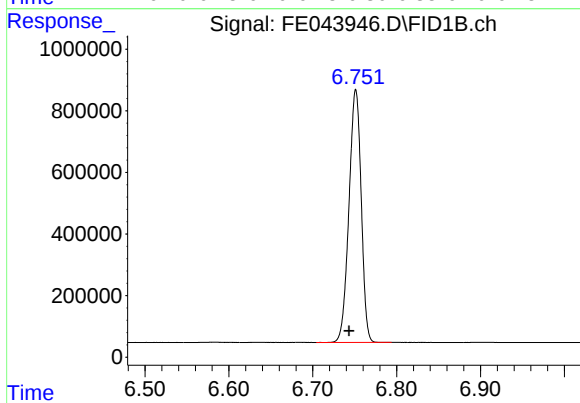
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.017 min
Response: 8044600
Conc: 48.81 ug/ml



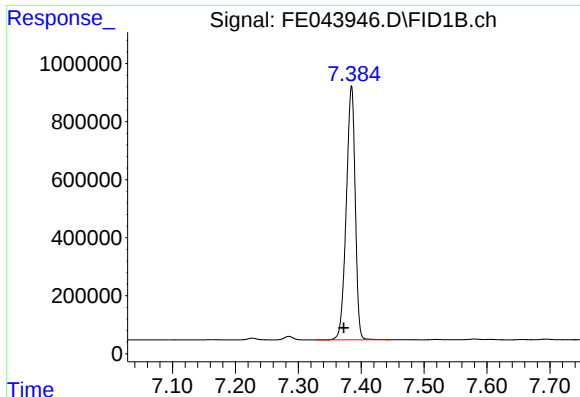
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: 0.014 min
Response: 8842950
Conc: 48.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: 0.008 min
Response: 8303400
Conc: 49.61 ug/ml



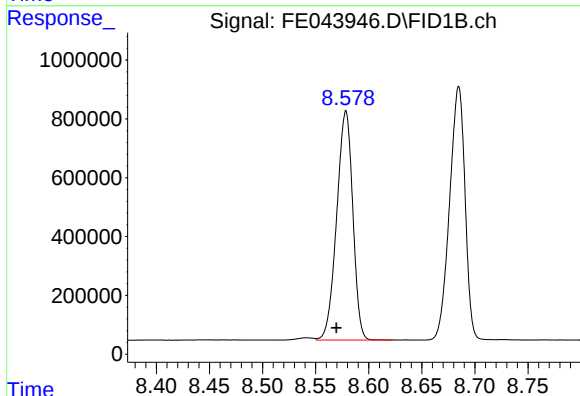
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.385 min
Delta R.T.: 0.013 min
Response: 8645175
Conc: 48.56 ug/ml

Instrument :
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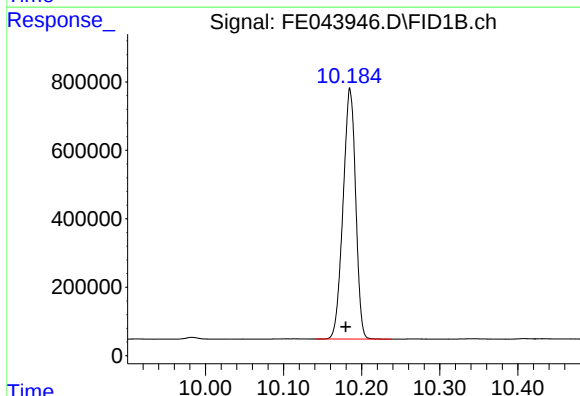
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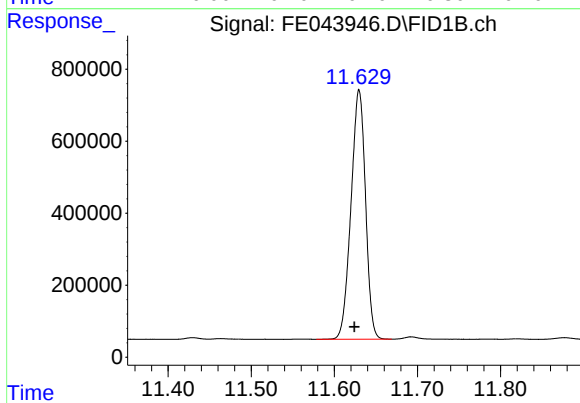
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: 0.009 min
Response: 8223352
Conc: 48.81 ug/ml



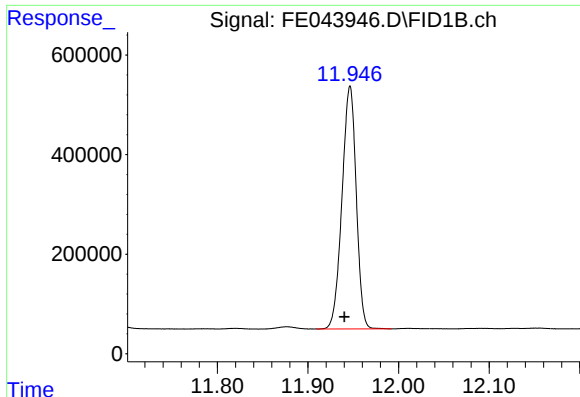
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: 0.005 min
Response: 8211206
Conc: 46.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: 0.006 min
Response: 8397288
Conc: 46.36 ug/ml



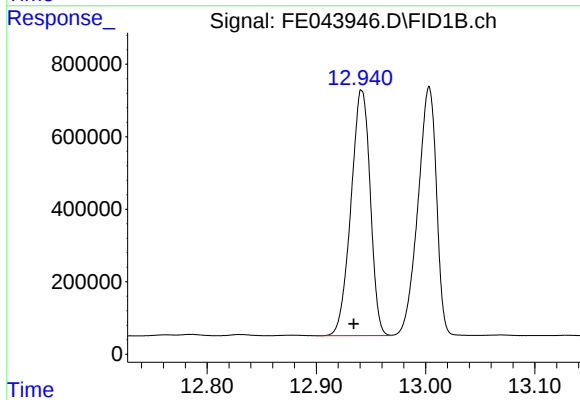
#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: 0.006 min
Response: 5332212
Conc: 25.88 ug/ml

Instrument :
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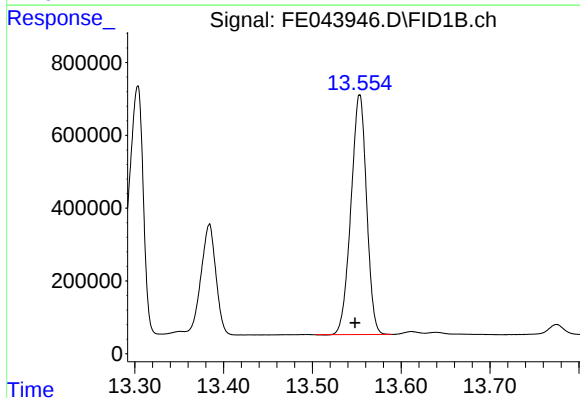
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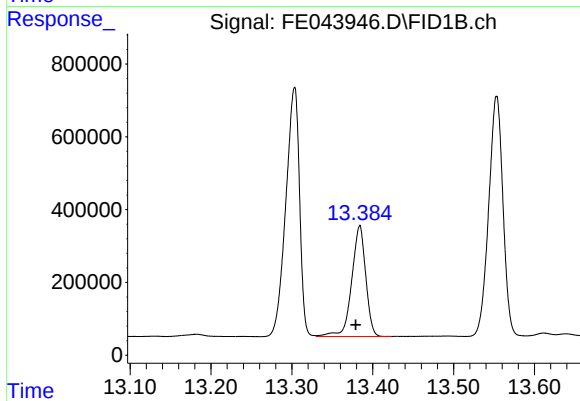
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.007 min
Response: 8309344
Conc: 46.95 ug/ml



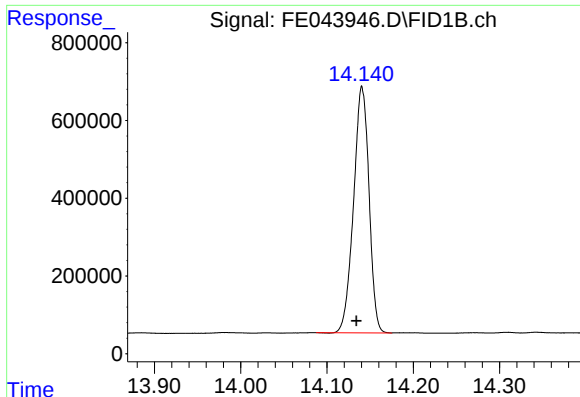
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: 0.005 min
Response: 8052014
Conc: 45.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.384 min
Delta R.T.: 0.005 min
Response: 3672576
Conc: 23.54 ug/ml



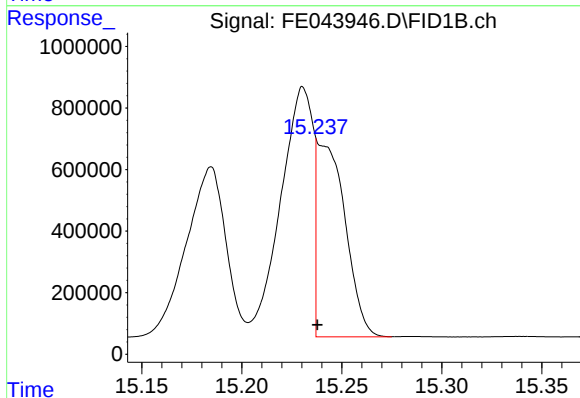
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: 0.006 min
Response: 7878636
Conc: 44.92 ug/ml

Instrument :
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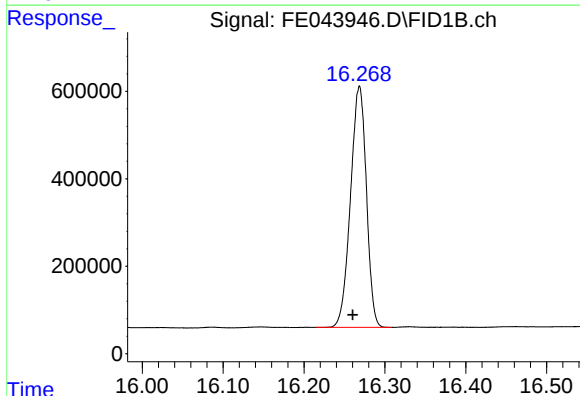
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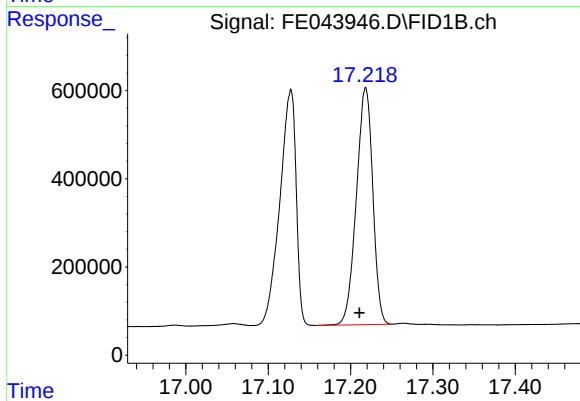
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 6197064
Conc: 35.27 ug/ml m



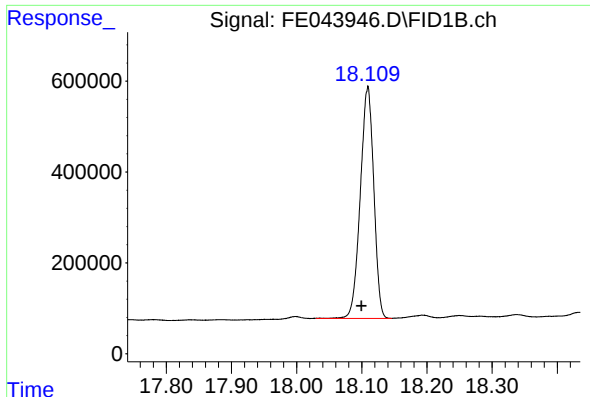
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: 0.008 min
Response: 7519063
Conc: 43.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.218 min
Delta R.T.: 0.008 min
Response: 7434912
Conc: 44.44 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.109 min
Delta R.T.: 0.010 min
Response: 7320284
Conc: 44.20 ug/ml

Instrument :

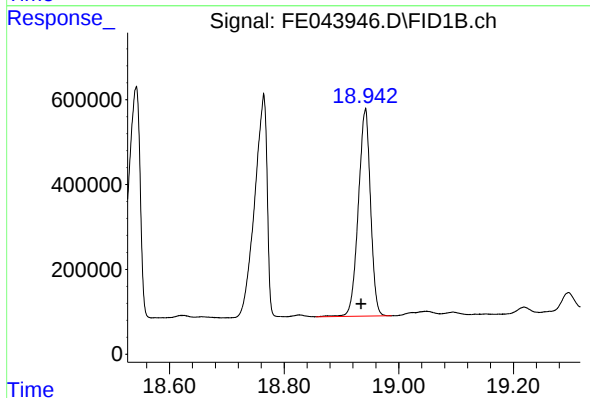
FID_E

ClientSampleId :

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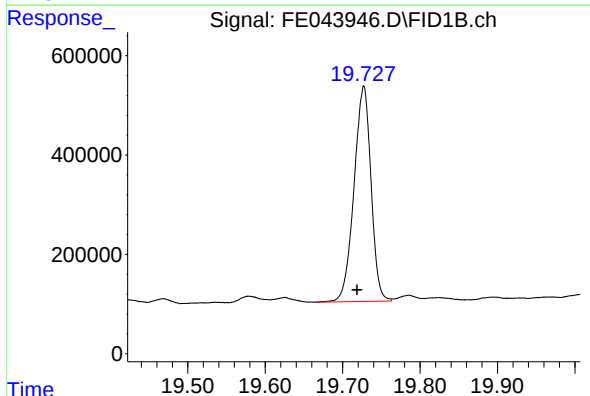
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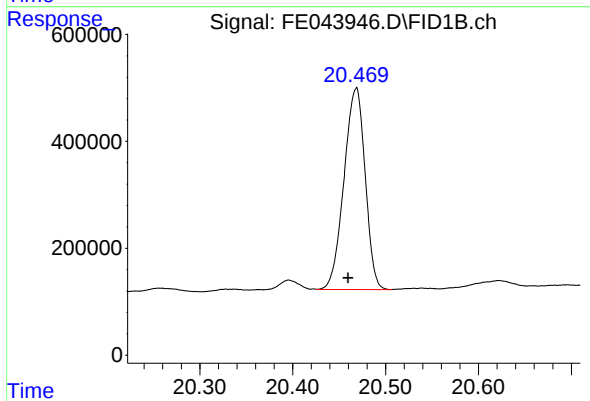
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: 0.008 min
Response: 7204668
Conc: 45.63 ug/ml



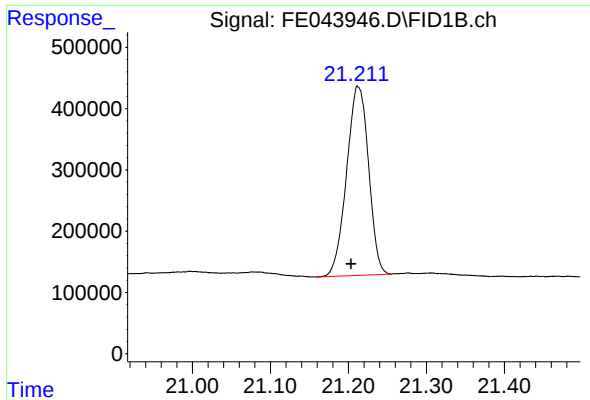
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: 0.009 min
Response: 6617974
Conc: 44.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: 0.009 min
Response: 5971313
Conc: 42.72 ug/ml m



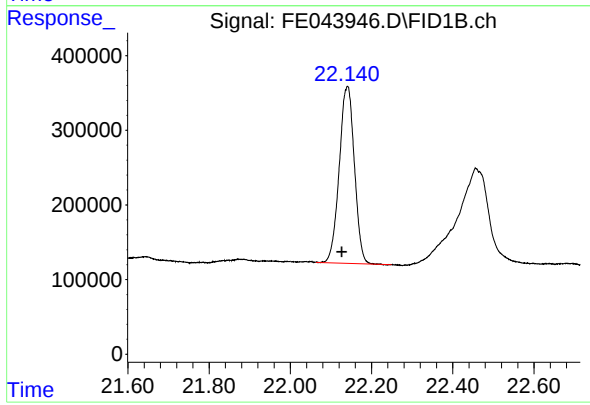
#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: 0.009 min
Response: 6035607
Conc: 45.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: 0.014 min
Response: 6131251
Conc: 47.52 ug/ml