

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020223AL\
 Data File : FE040172.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2023 02:39
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Feb 02 04:50:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:44:16 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)	11.895	1744647	10.816 ug/ml
Spiked Amount 50.000		Recovery =	21.63%
12) S 1-chlorooctadecane (S...	13.335	1329429	10.723 ug/ml
Spiked Amount 50.000		Recovery =	21.45%
Target Compounds			
1) T n-Nonane (C9)	3.292	1464898	10.720 ug/ml
2) T n-Decane (C10)	4.541	1428478	10.662 ug/ml
3) T A~Naphthalene (C11.7)	6.244	1542302	10.272 ug/ml
4) T n-Dodecane (C12)	6.705	1441449	10.610 ug/ml
5) T A~2-methylnaphthalene...	7.338	1425170	10.137 ug/ml
6) T n-Tetradecane (C14)	8.531	1476073	10.640 ug/ml
7) T n-Hexadecane (C16)	10.138	1539307	10.681 ug/ml
8) T n-Octadecane (C18)	11.580	1604050	10.803 ug/ml
10) T n-Eicosane (C20)	12.890	1584025	10.848 ug/ml
11) T n-Heneicosane (C21)	13.501	1587986	10.838 ug/ml
13) T n-Docosane (C22)	14.088	1581843	10.834 ug/ml
14) T n-Tetracosane (C24)	15.191	1600316	10.876 ug/ml
15) T n-Hexacosane (C26)	16.213	1550018	10.858 ug/ml
16) T n-Octacosane (C28)	17.162	1556716	10.971 ug/ml
17) T n-Tricontane (C30)	18.050	1513820	10.927 ug/ml
18) T n-Dotriacontane (C32)	18.885	1502065	10.956 ug/ml
19) T n-Tetratriacontane (C34)	19.668	1436708	10.917 ug/ml
20) T n-Hexatriacontane (C36)	20.409	1417834	11.026 ug/ml
21) T n-Octatriacontane (C38)	21.143	1392208	10.971 ug/ml
22) T n-Tetracontane (C40)	22.039	1438631	11.029 ug/ml

(f)=RT Delta > 1/2 Window

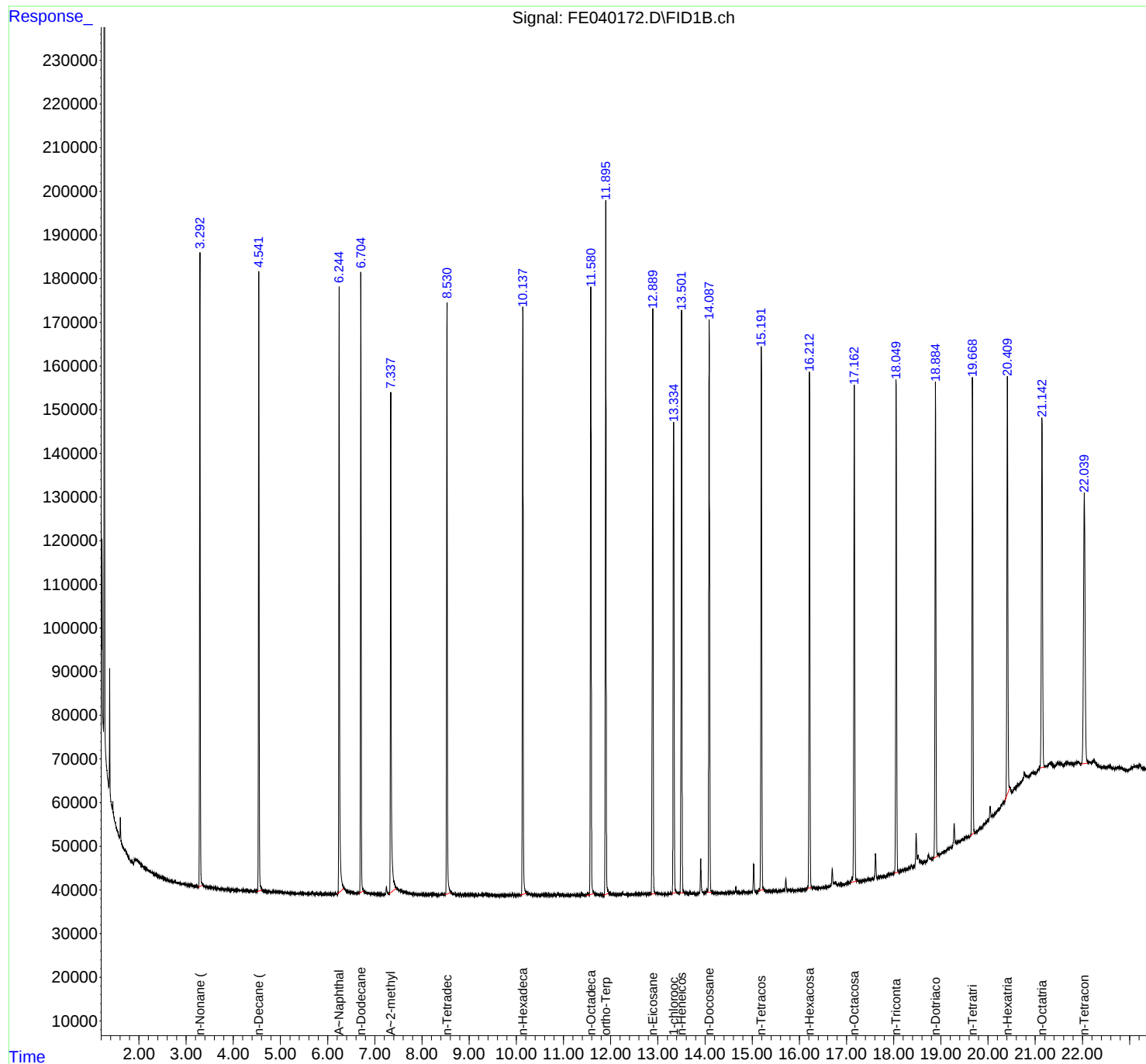
(m)=manual int.

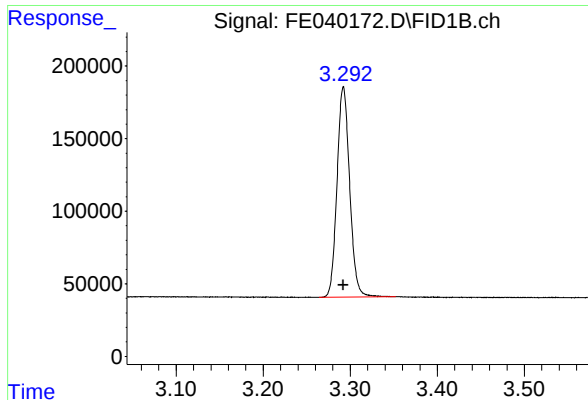
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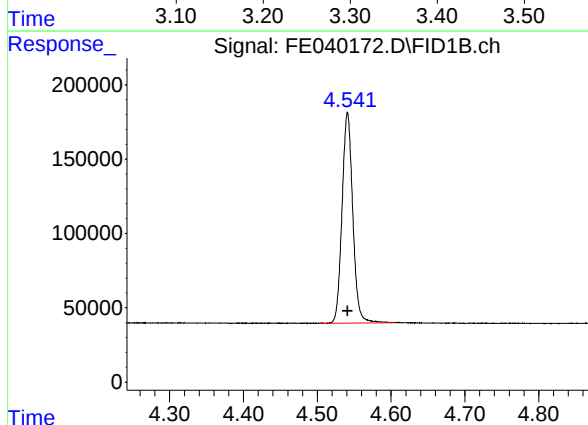




#1 n-Nonane (C9)

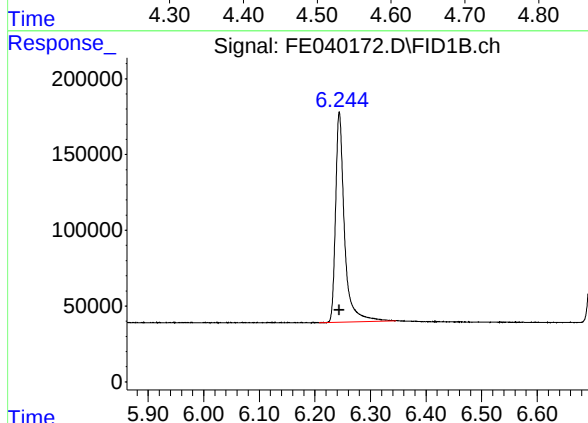
R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 1464898
Conc: 10.72 ug/ml

Instrument :
FID_E
ClientSampleId :
10 PPM ALIPHATIC HC STD4



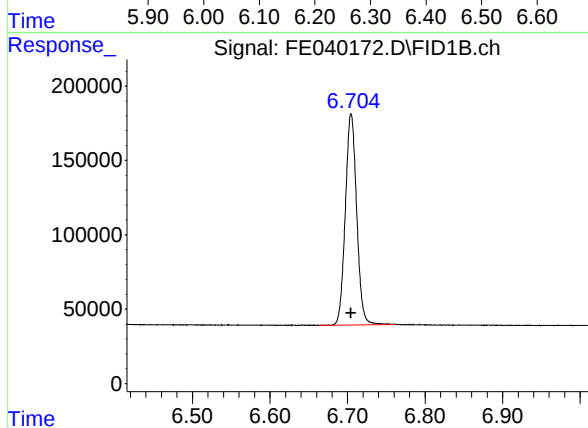
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 1428478
Conc: 10.66 ug/ml



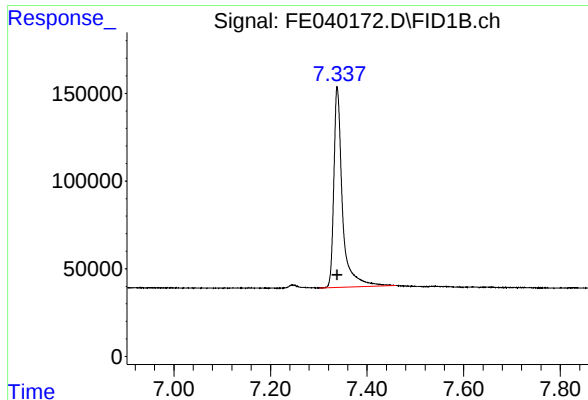
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 1542302
Conc: 10.27 ug/ml



#4 n-Dodecane (C12)

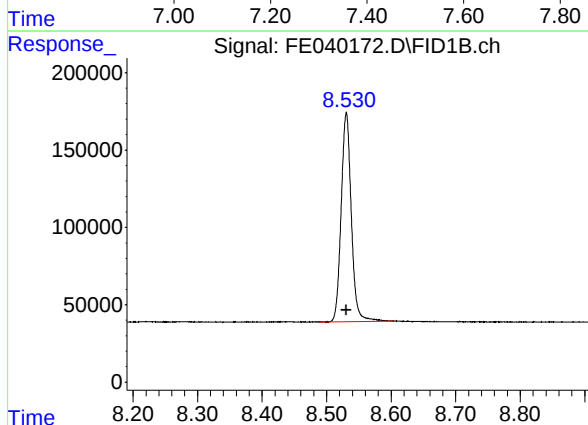
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 1441449
Conc: 10.61 ug/ml



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

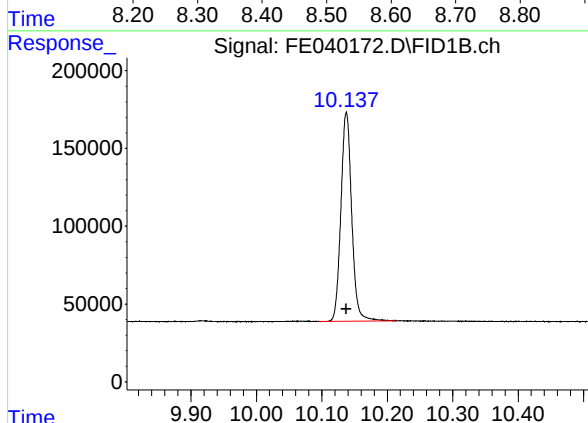
R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 1425170
Conc: 10.14 ug/ml

Instrument :
FID_E
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10 PPM ALIPHATIC HC STD4



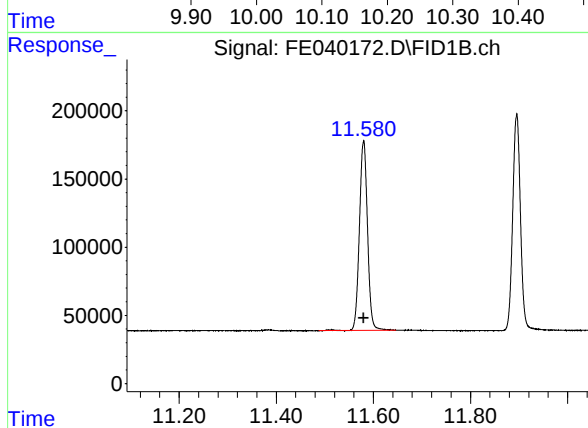
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 1476073
Conc: 10.64 ug/ml



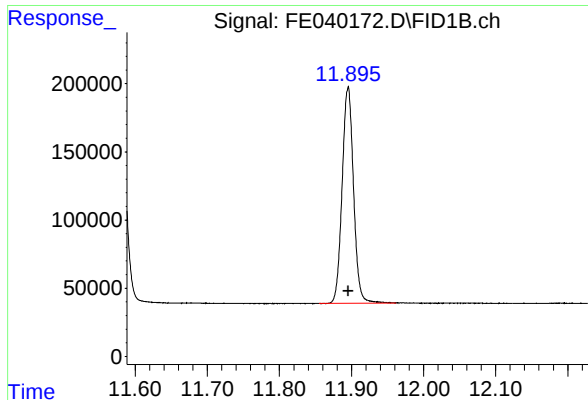
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 1539307
Conc: 10.68 ug/ml



#8 n-Octadecane (C18)

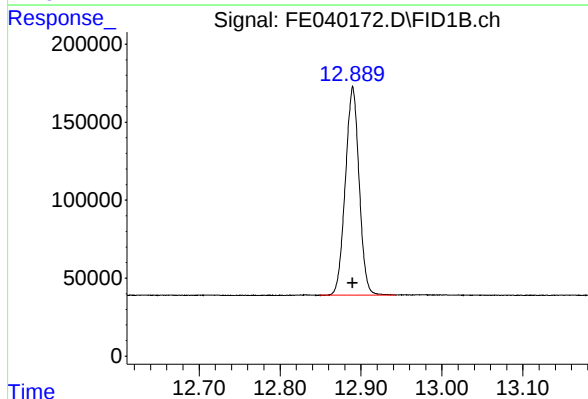
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 1604050
Conc: 10.80 ug/ml



#9 ortho-Terphenyl (SURR)

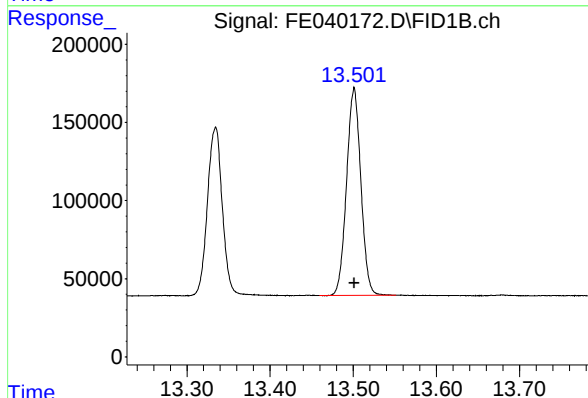
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 1744647
Conc: 10.82 ug/ml

Instrument :
FID_E
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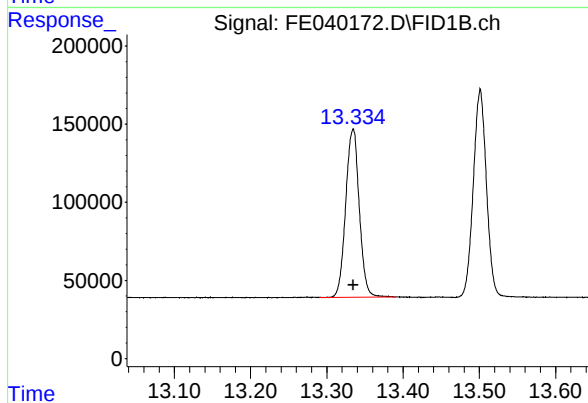
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: 0.000 min
Response: 1584025
Conc: 10.85 ug/ml



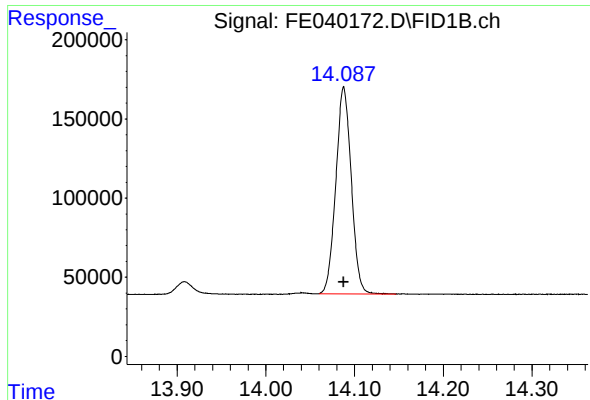
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: 0.000 min
Response: 1587986
Conc: 10.84 ug/ml



#12 1-chlorooctadecane (SURR)

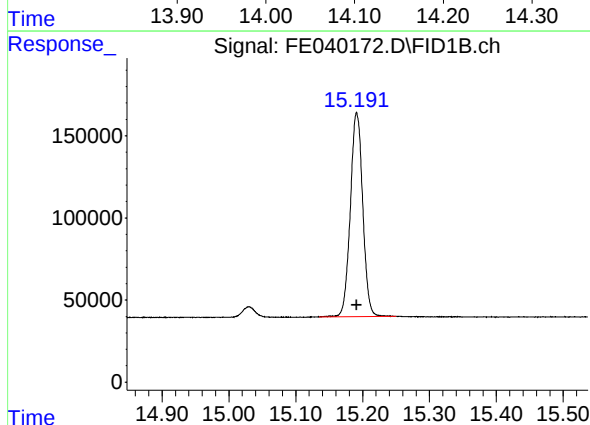
R.T.: 13.335 min
Delta R.T.: 0.000 min
Response: 1329429
Conc: 10.72 ug/ml



#13 n-Docosane (C22)

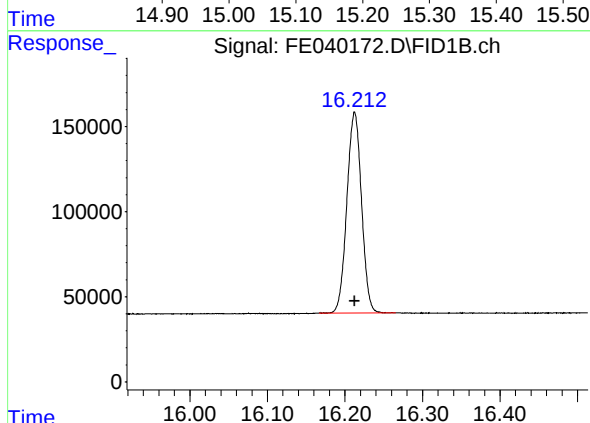
R.T.: 14.088 min
Delta R.T.: 0.000 min
Response: 1581843
Conc: 10.83 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



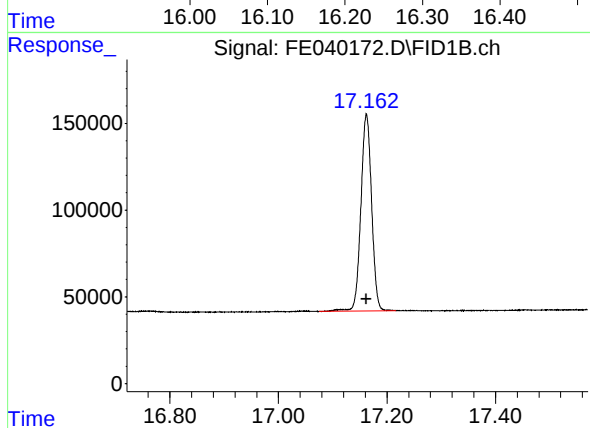
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: 0.000 min
Response: 1600316
Conc: 10.88 ug/ml



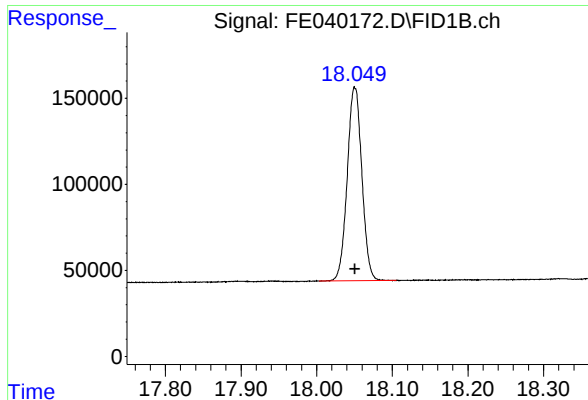
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: 0.000 min
Response: 1550018
Conc: 10.86 ug/ml



#16 n-Octacosane (C28)

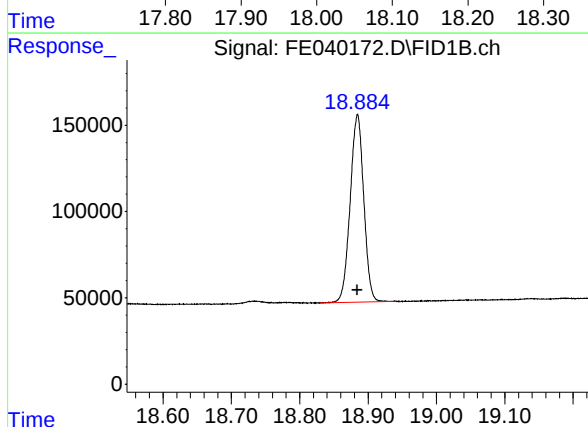
R.T.: 17.162 min
Delta R.T.: 0.000 min
Response: 1556716
Conc: 10.97 ug/ml



#17 n-Tricontane (C30)

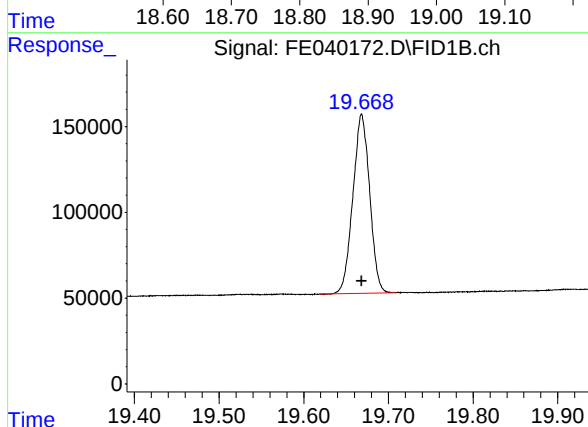
R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 1513820
Conc: 10.93 ug/ml

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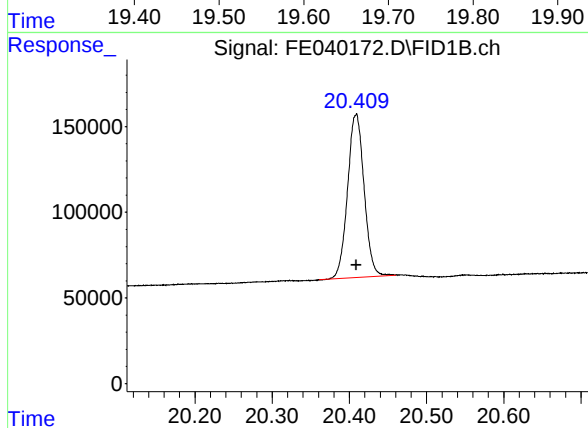
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: 0.000 min
Response: 1502065
Conc: 10.96 ug/ml



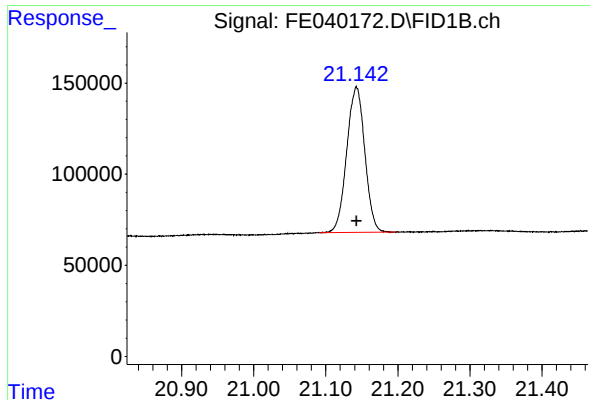
#19 n-Tetatriacontane (C34)

R.T.: 19.668 min
Delta R.T.: 0.000 min
Response: 1436708
Conc: 10.92 ug/ml



#20 n-Hexatriacontane (C36)

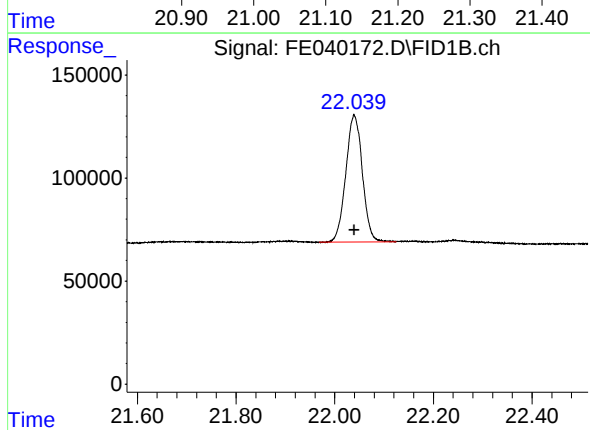
R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 1417834
Conc: 11.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: 0.000 min
Response: 1392208
Conc: 10.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: 0.000 min
Response: 1438631
Conc: 11.03 ug/ml